

**Appln No. 09/692,554**

**Amdt date December 1, 2004**

**Reply to Office action of September 22, 2004**

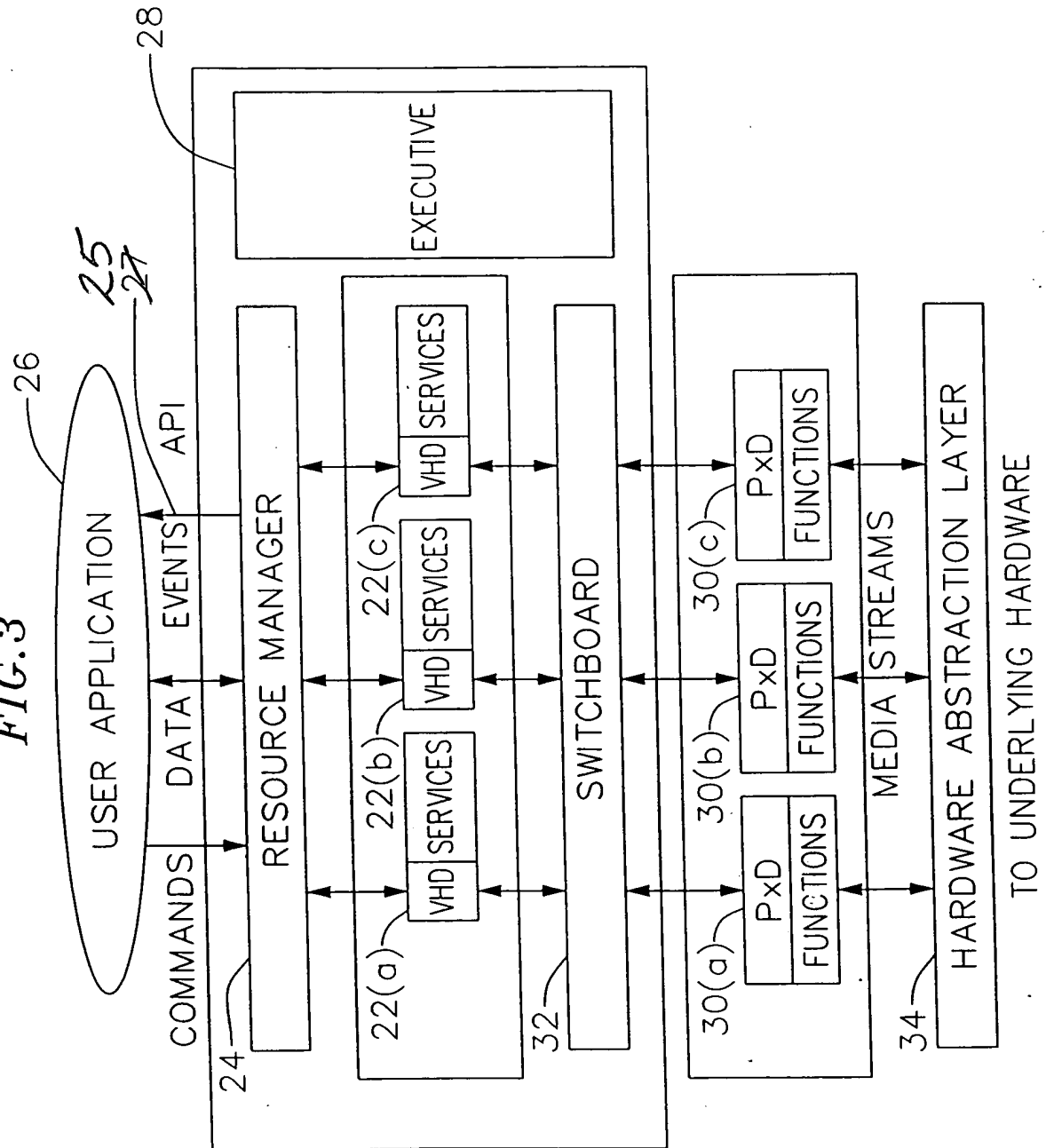
**Amendments to the Drawings:**

The attached sheet of drawings includes changes to Figs. 3, 14A and 35. The enclosed 35 sheets formal drawings include the changes to Figs. 3, 14A and 35 and replace all of the drawings as originally filed.

Attachment:      Replacement Sheet  
                    Annotated Sheet Showing Changes



FIG. 3



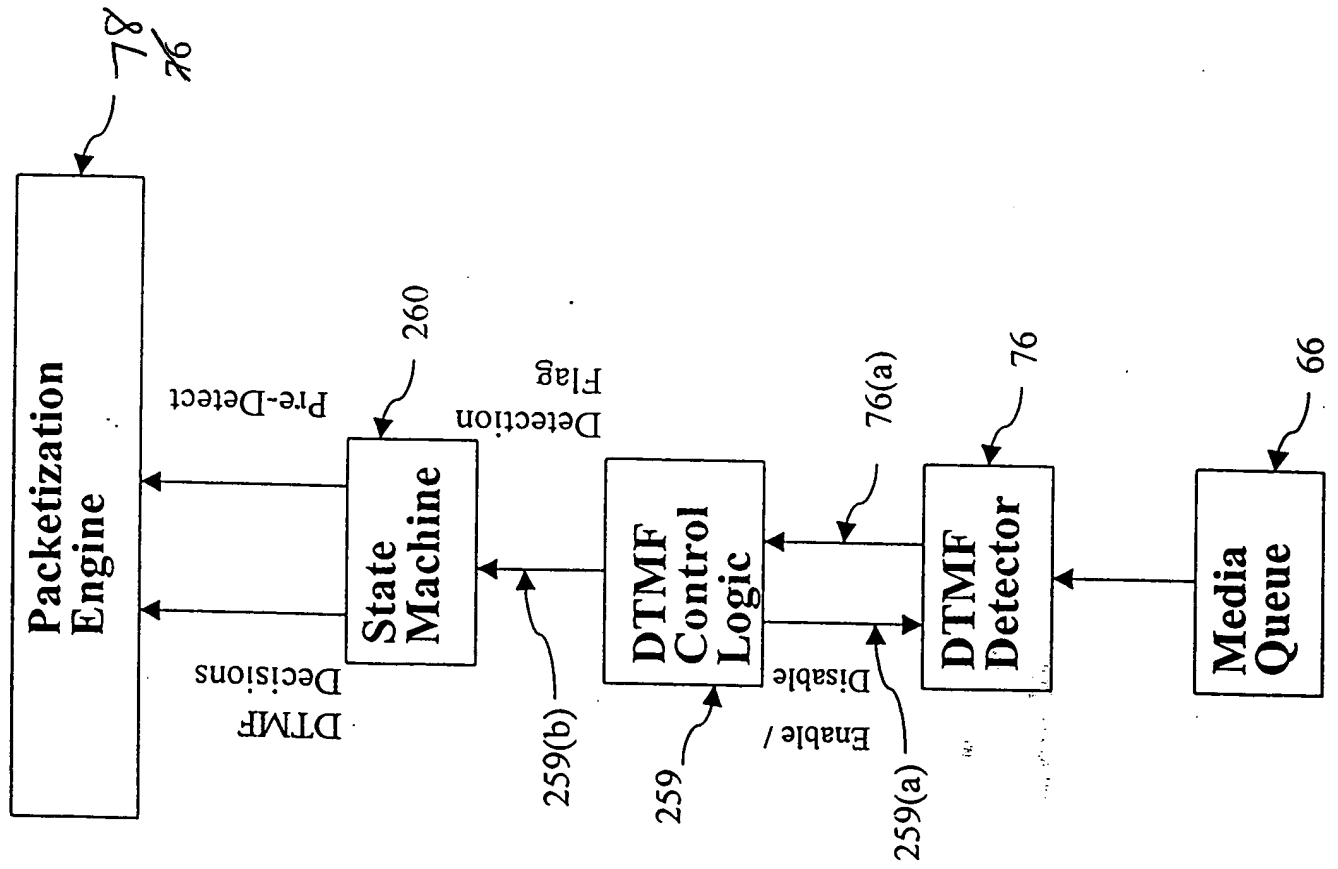
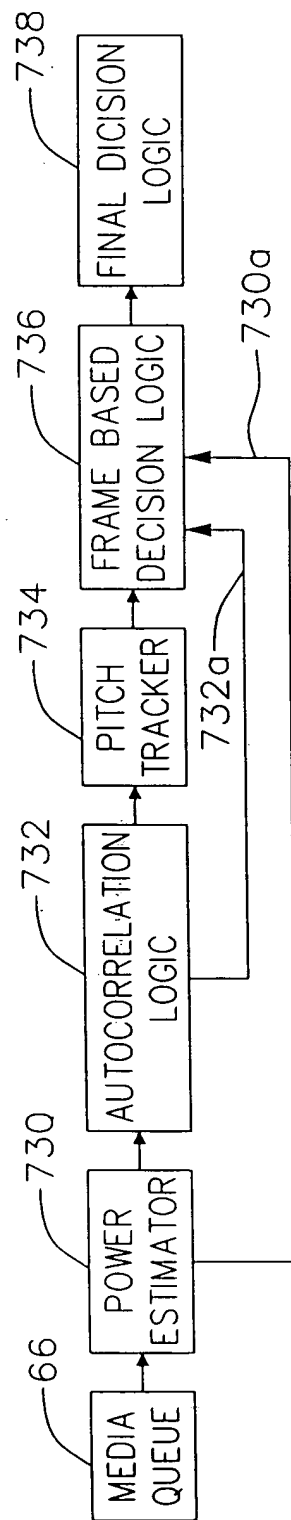
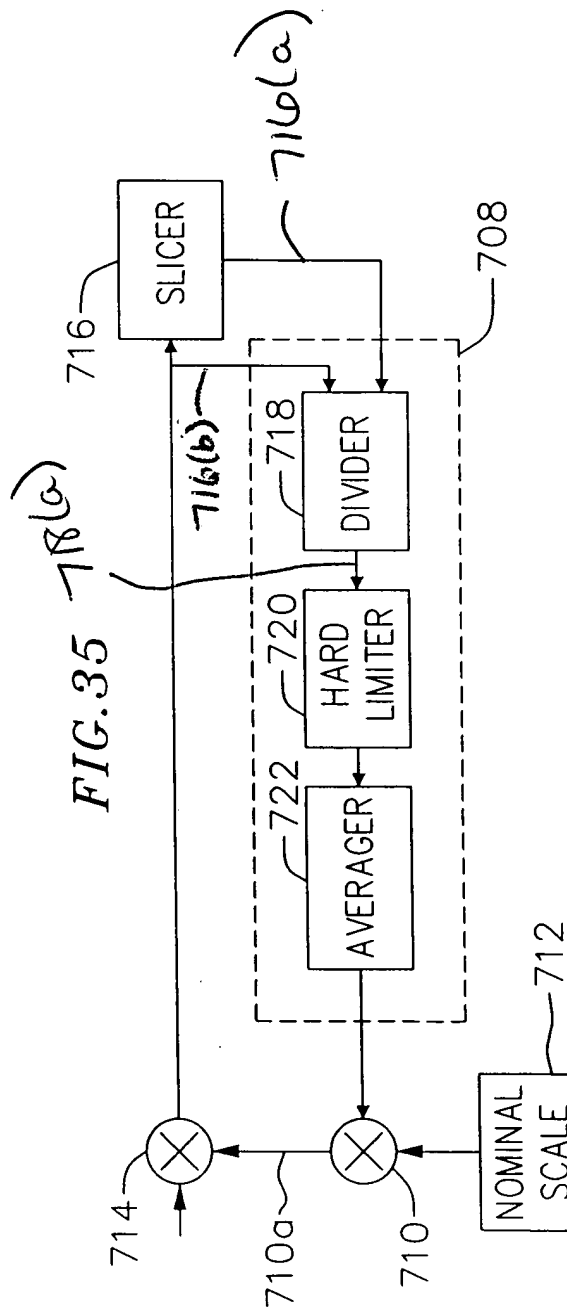


FIG. 14A



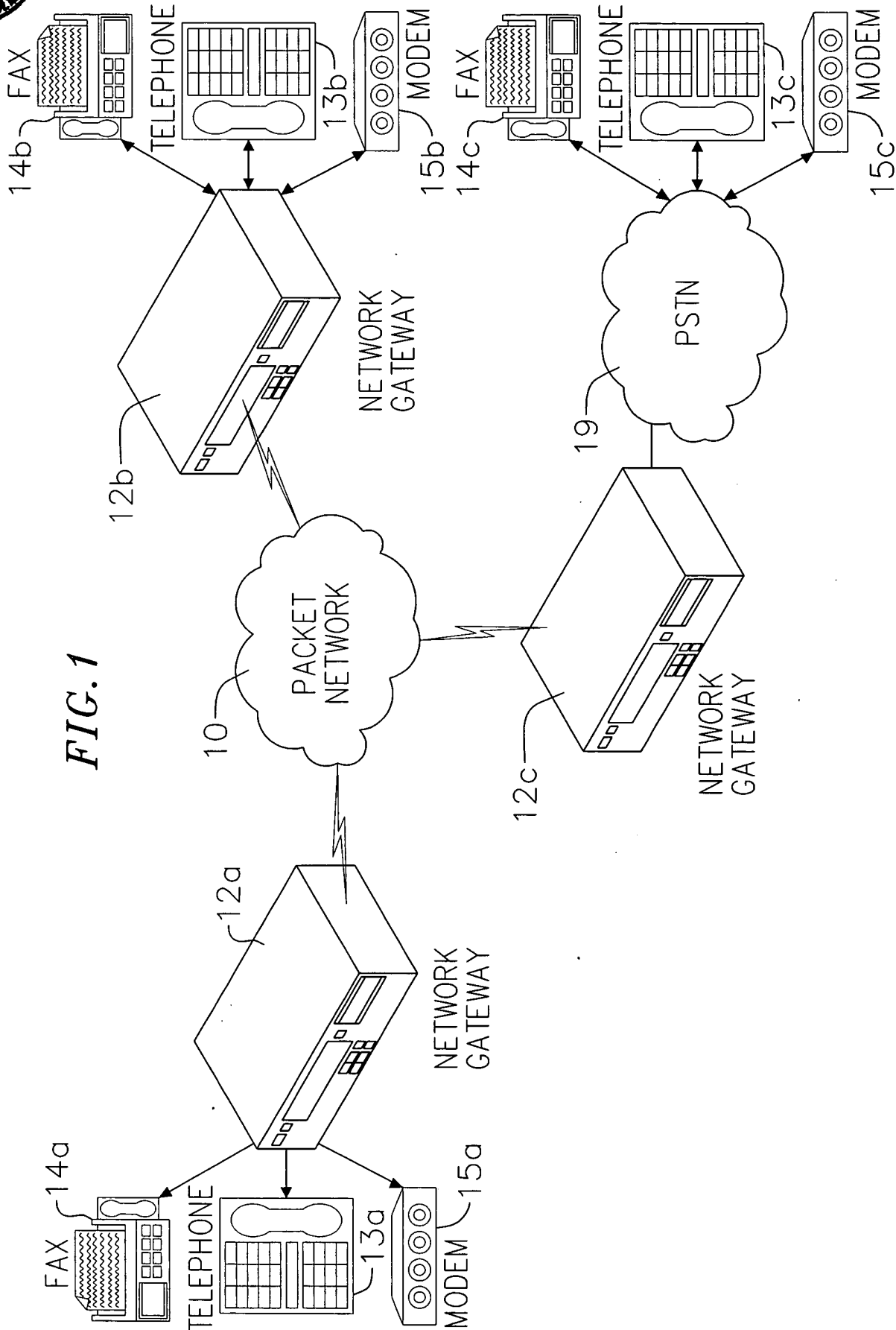




FIG. 2

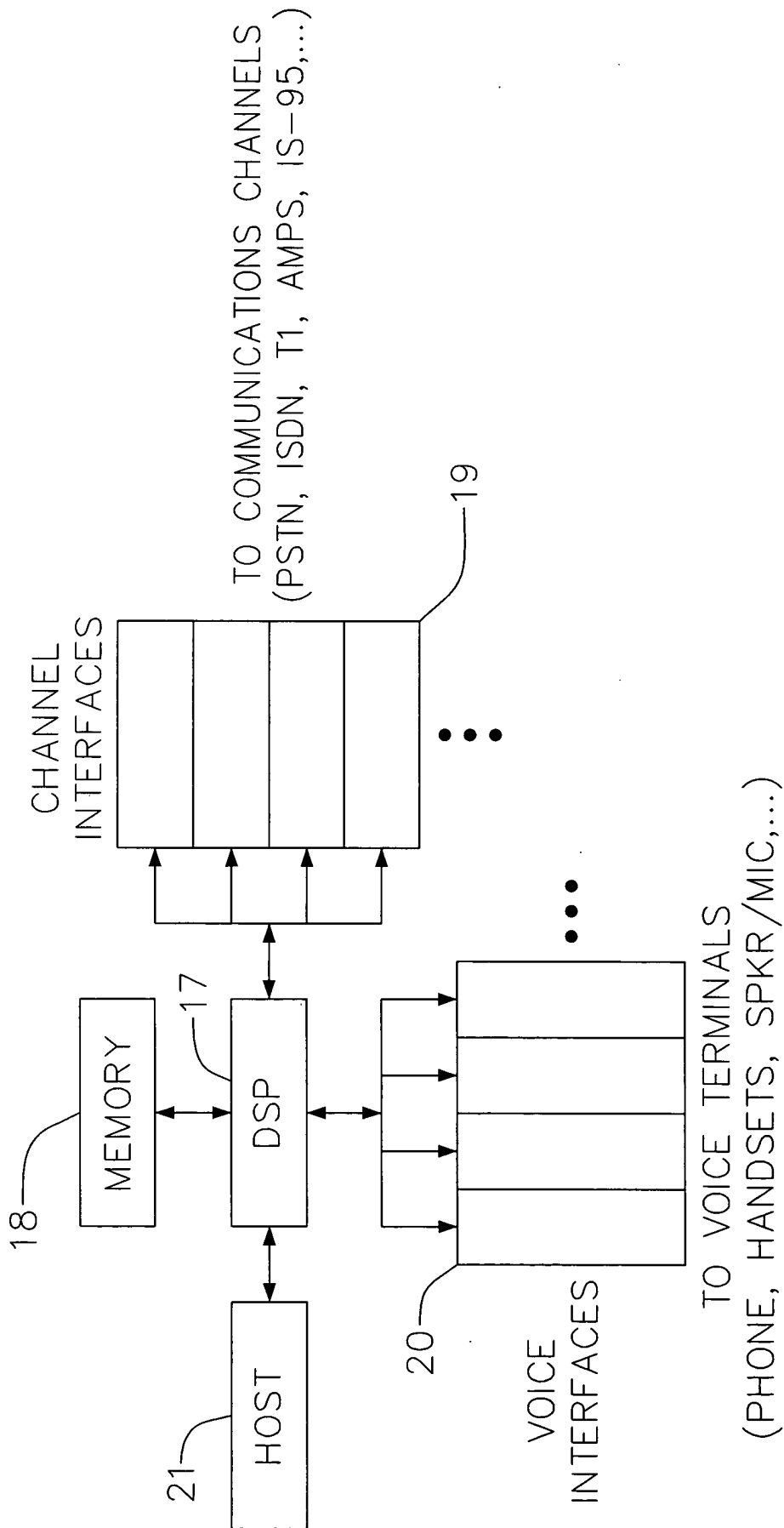




FIG. 3

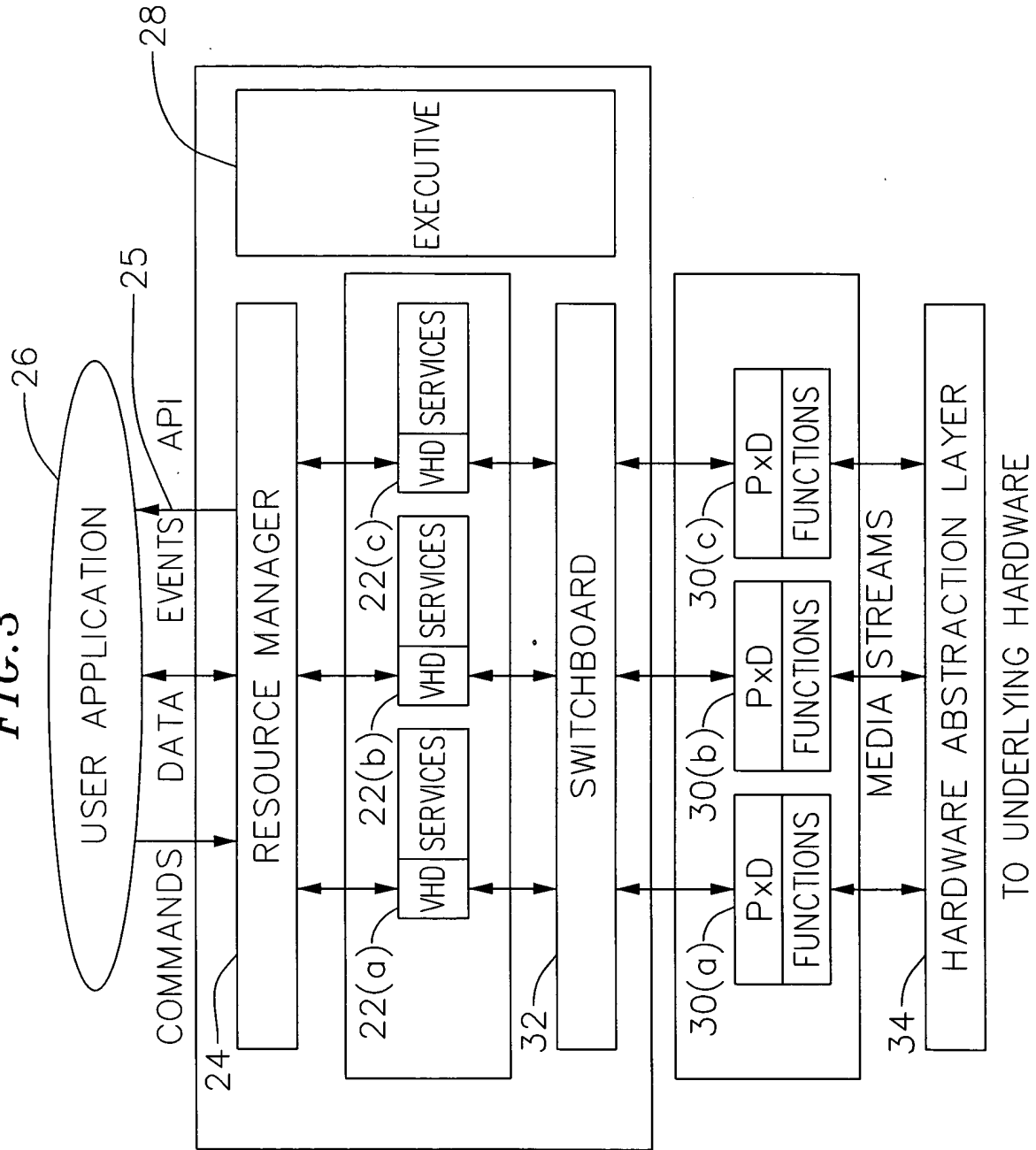




FIG. 4

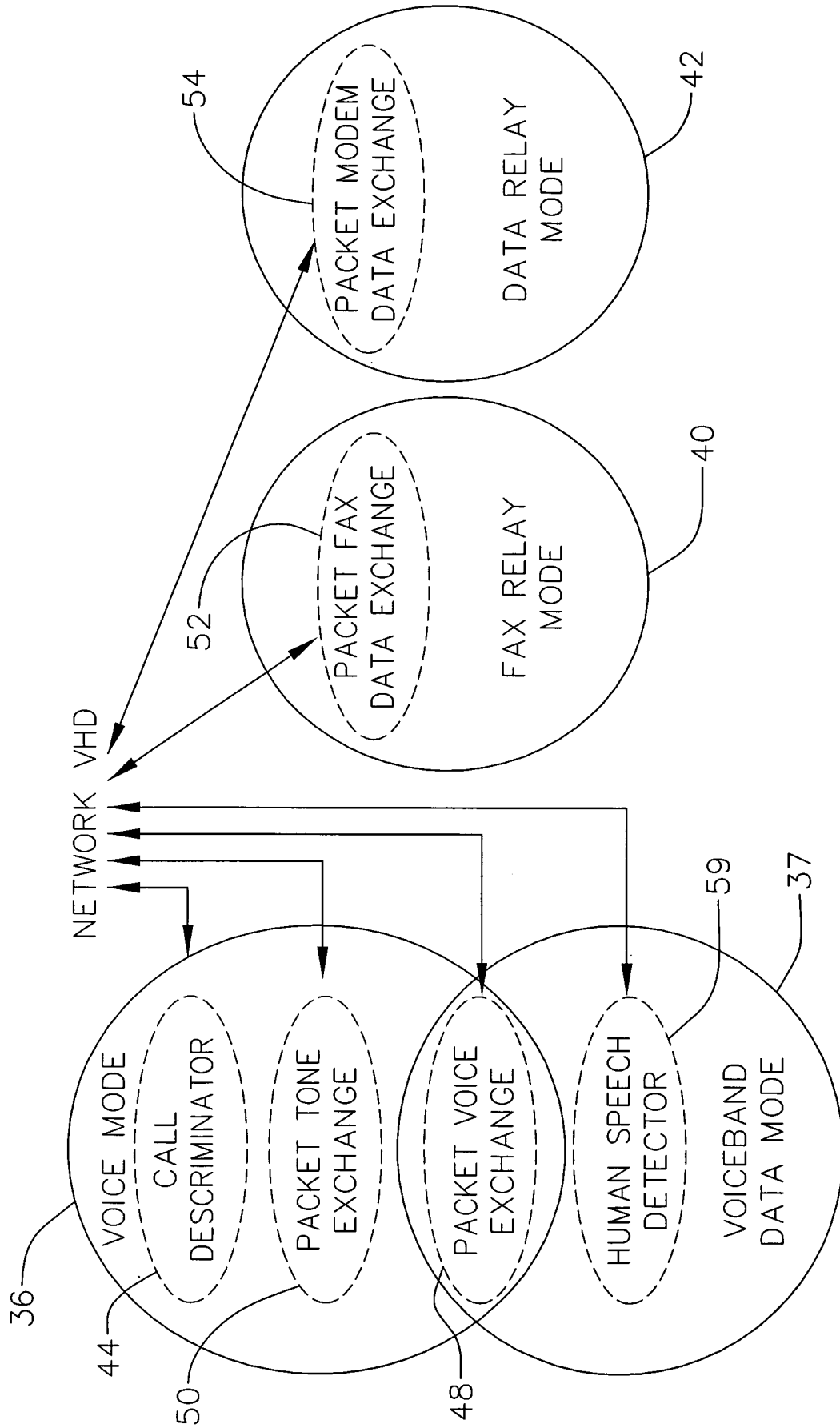
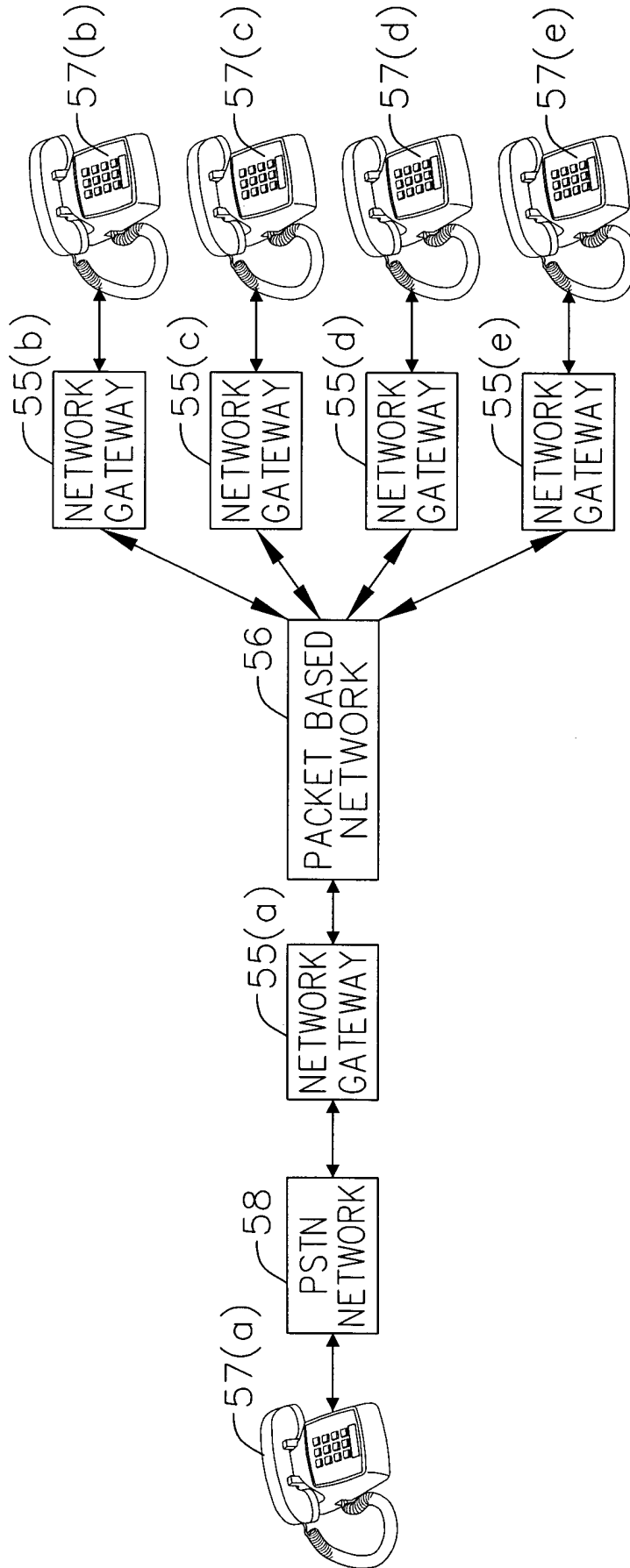


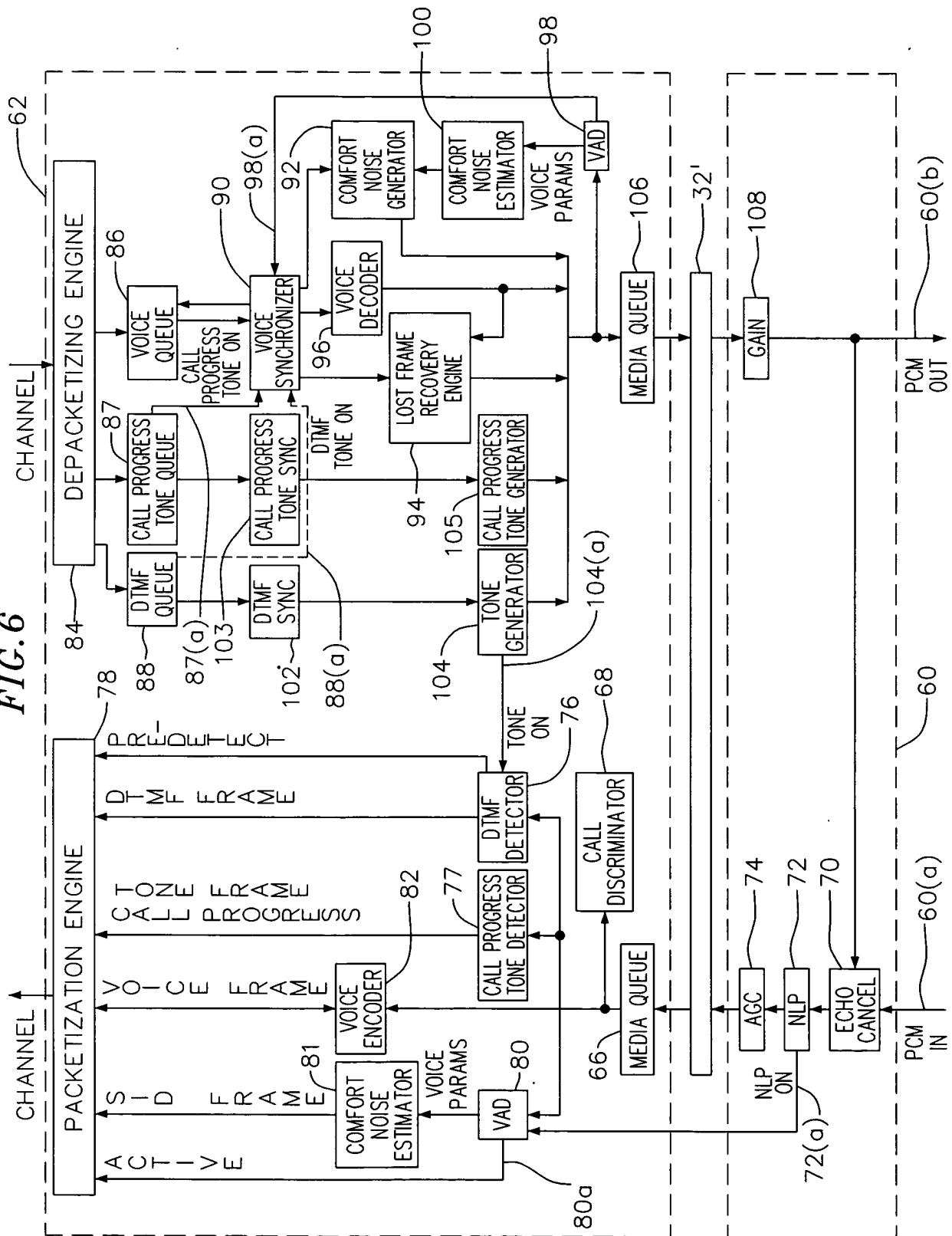


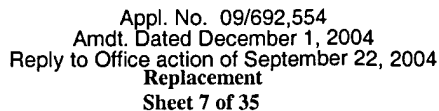


FIG. 5



**FIG. 6**



[illegible]

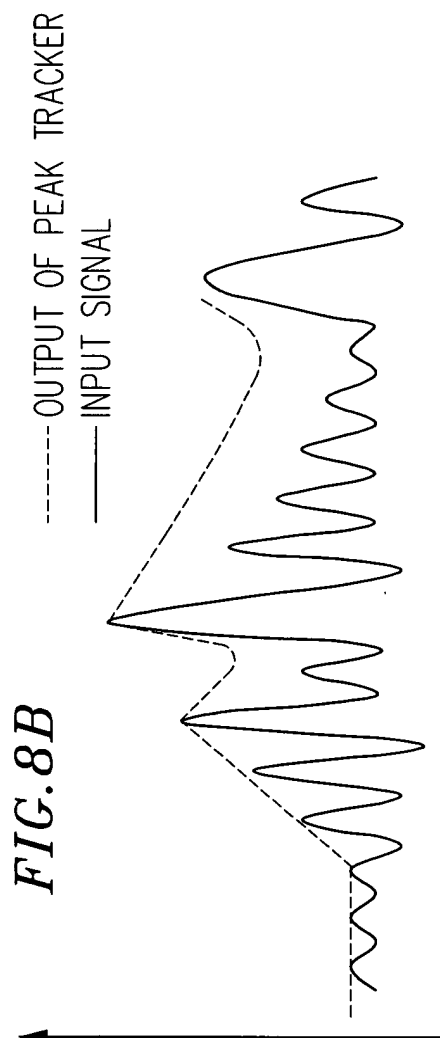
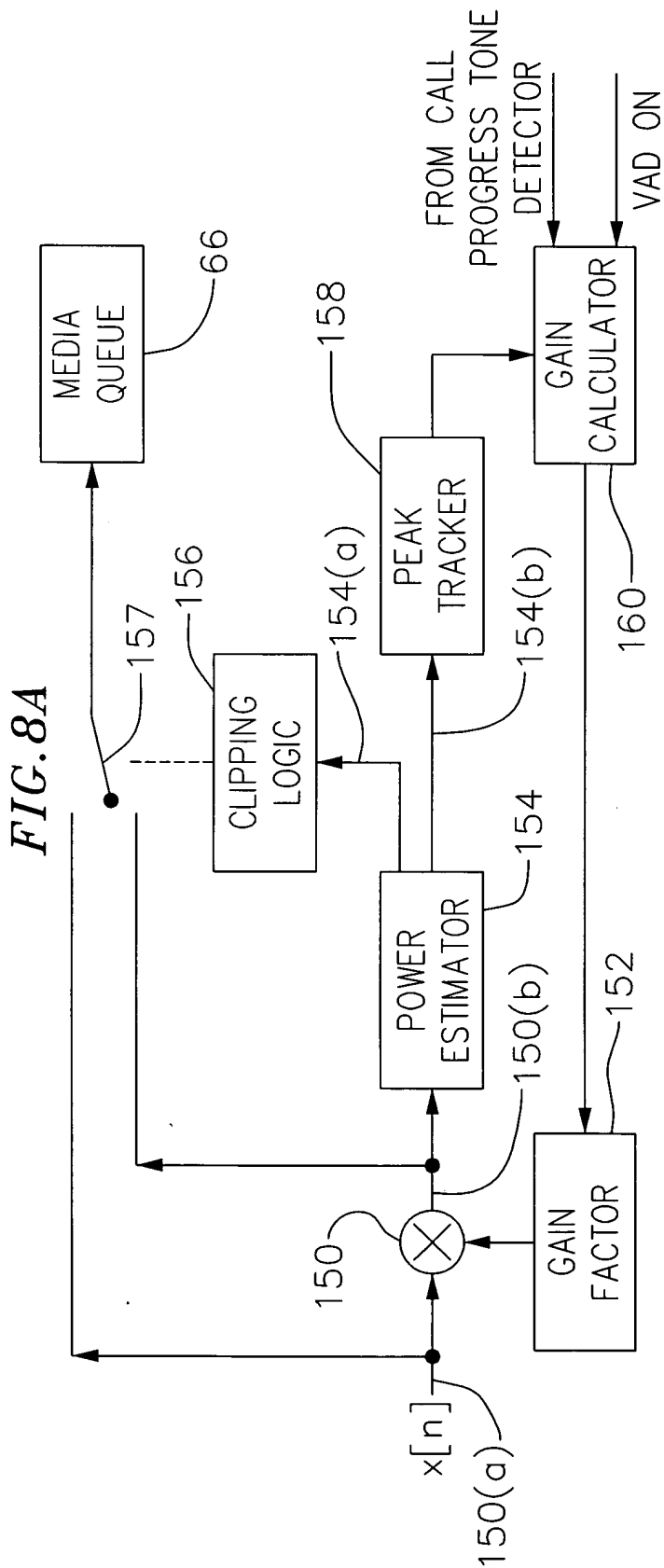
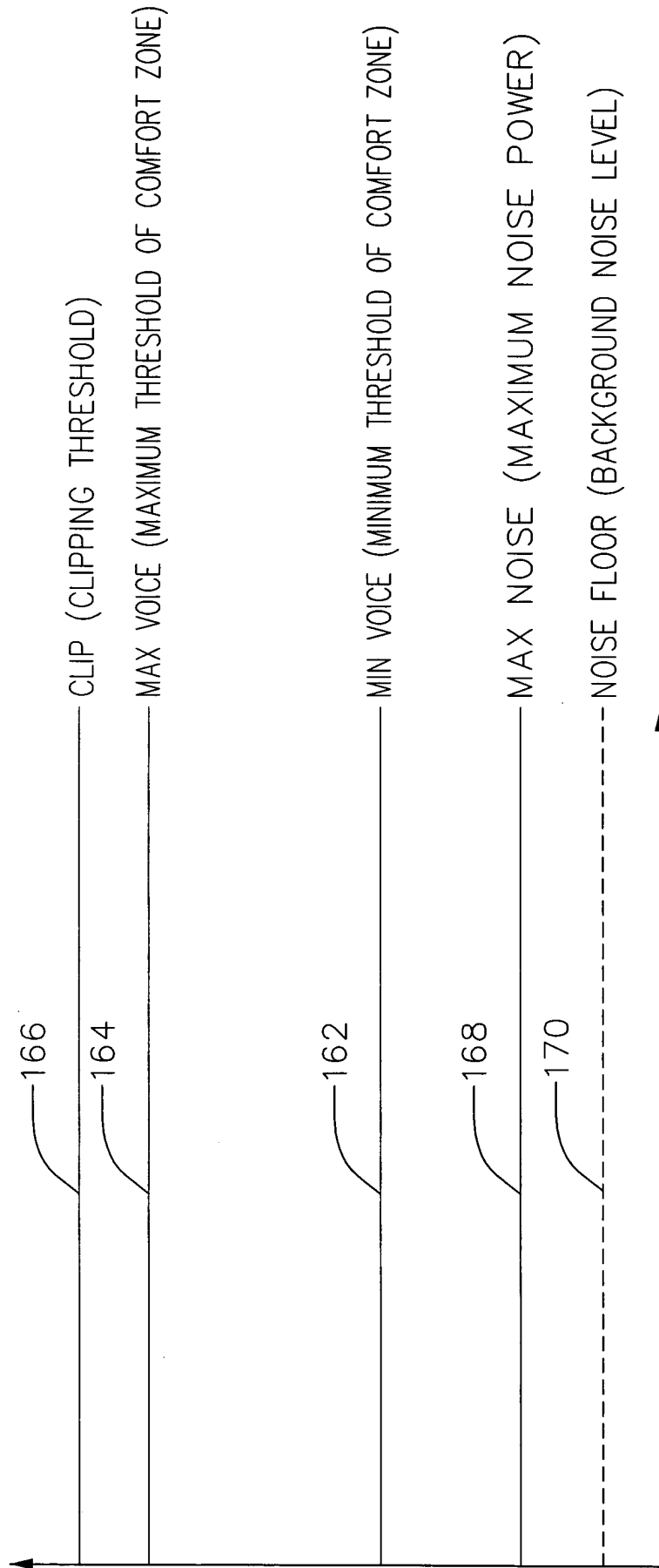




FIG. 9



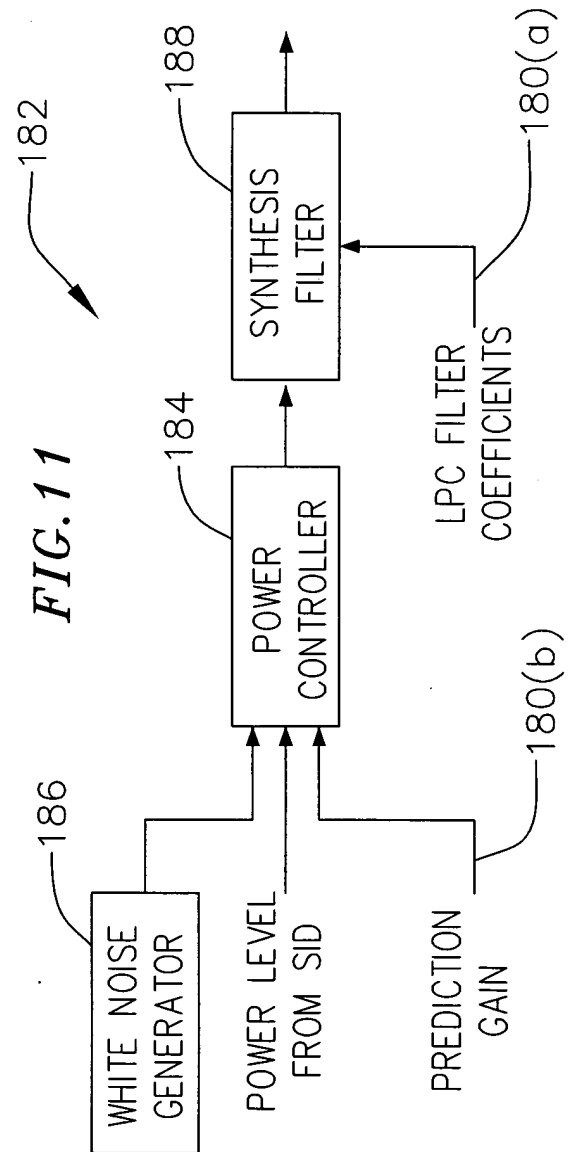
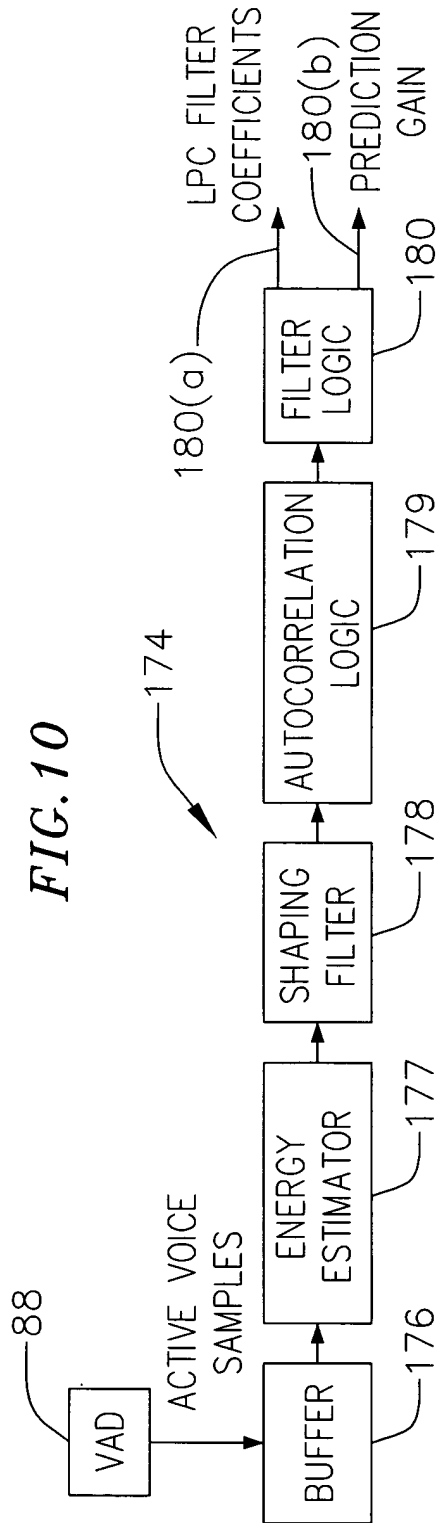




FIG. 12

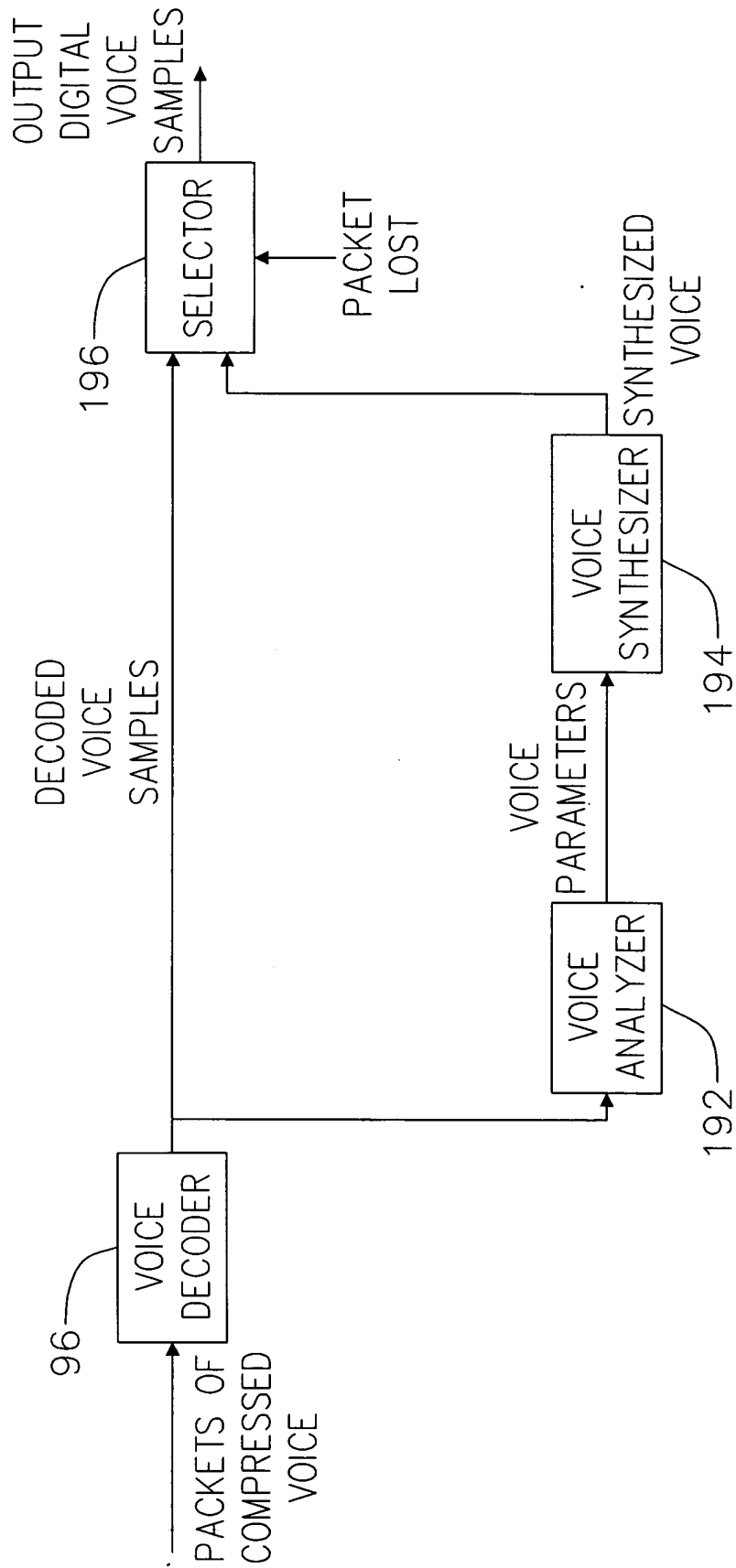
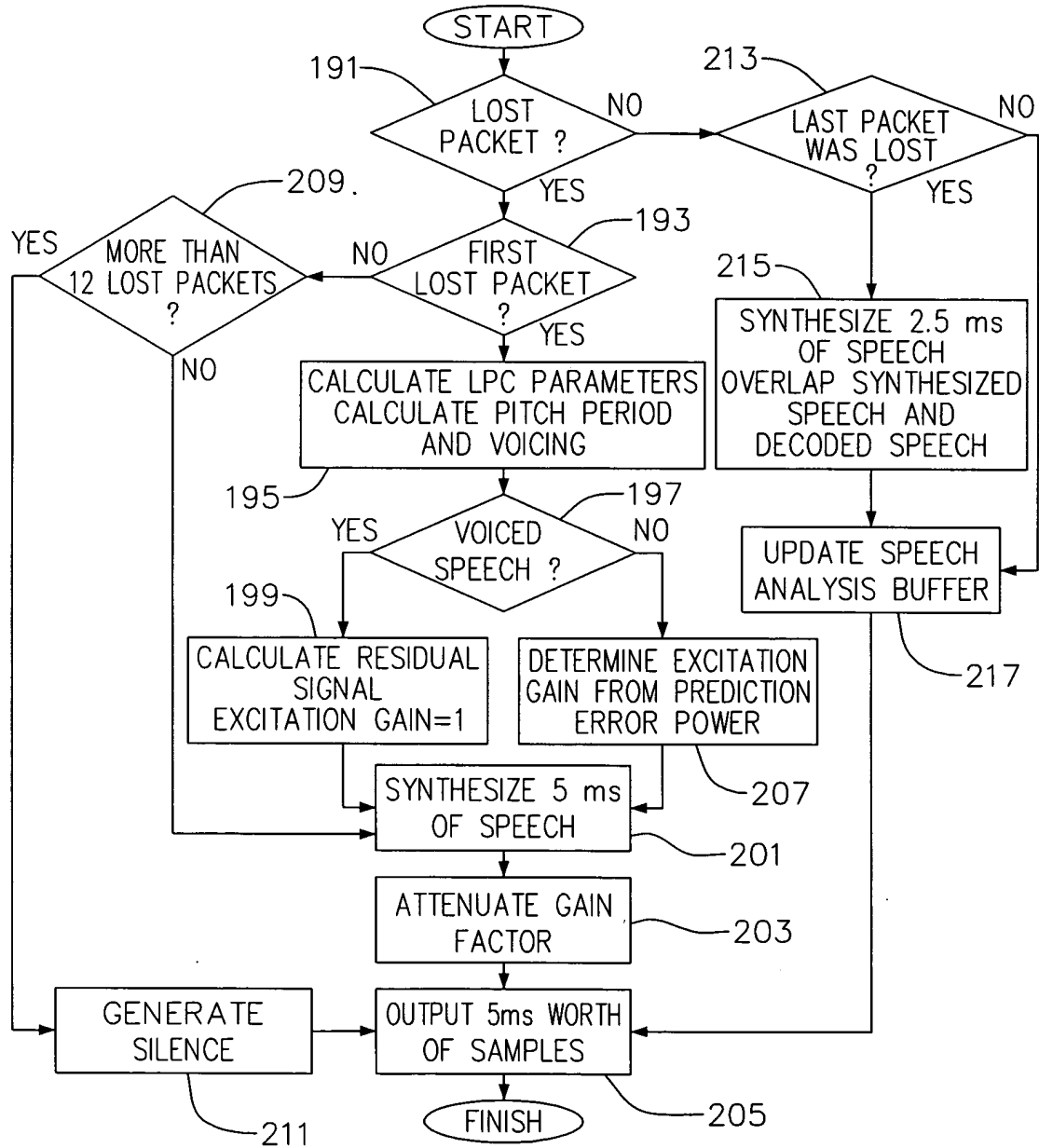




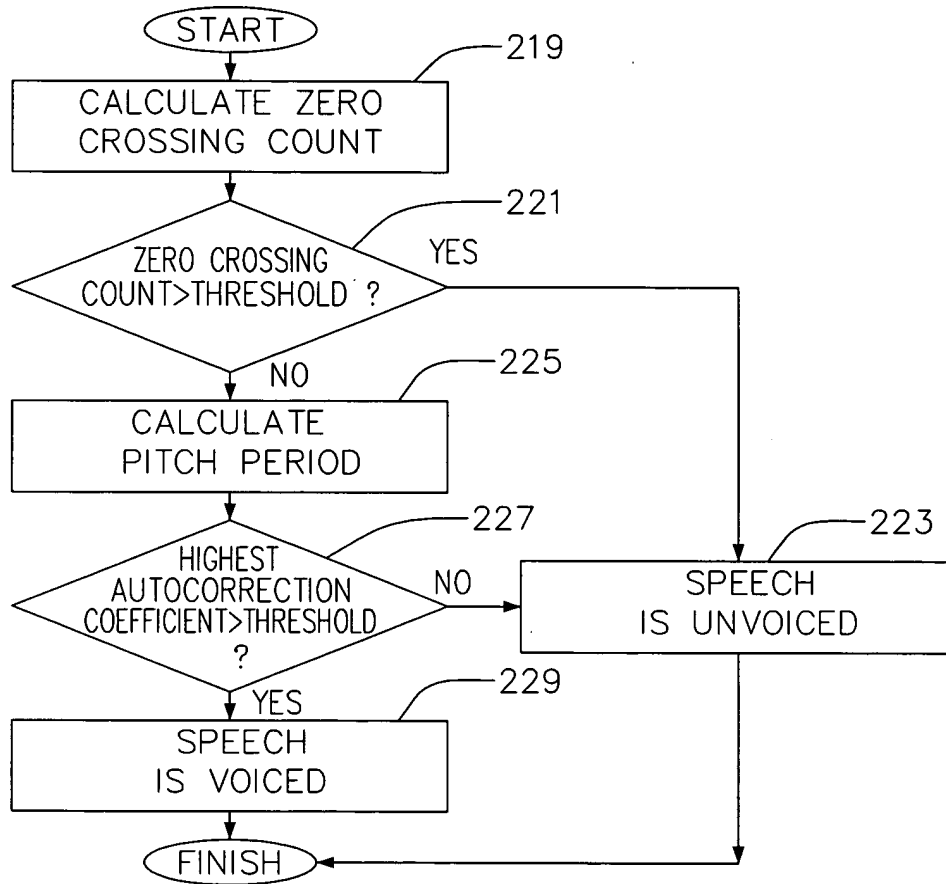
FIG. 13A







**FIG. 13B**





**FIG. 13C**

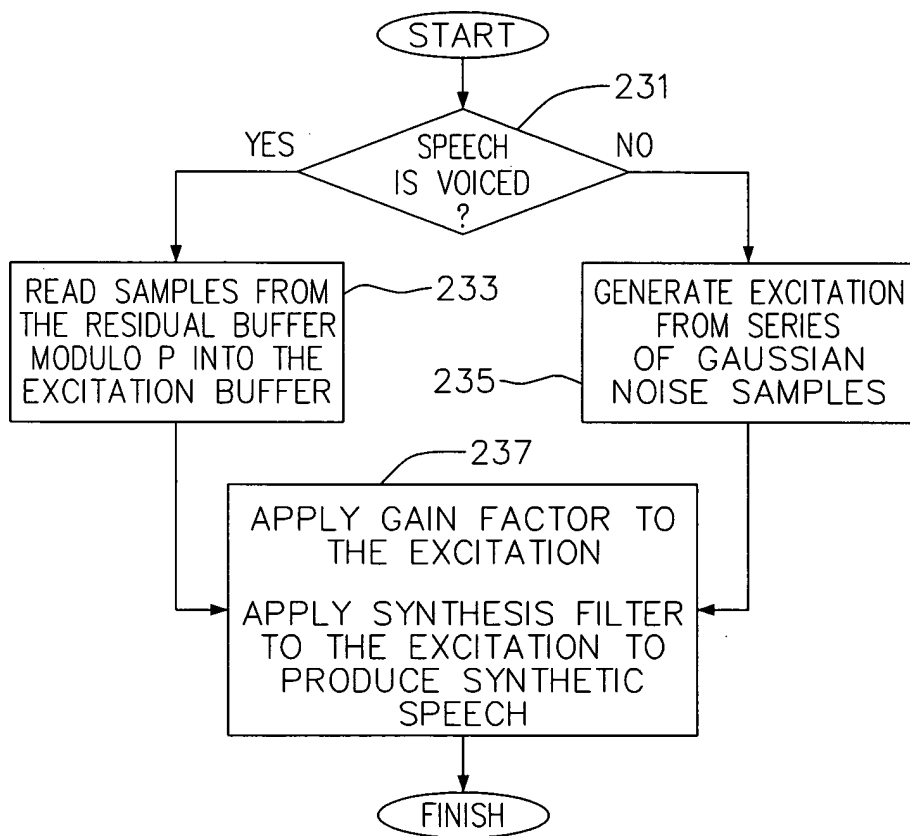
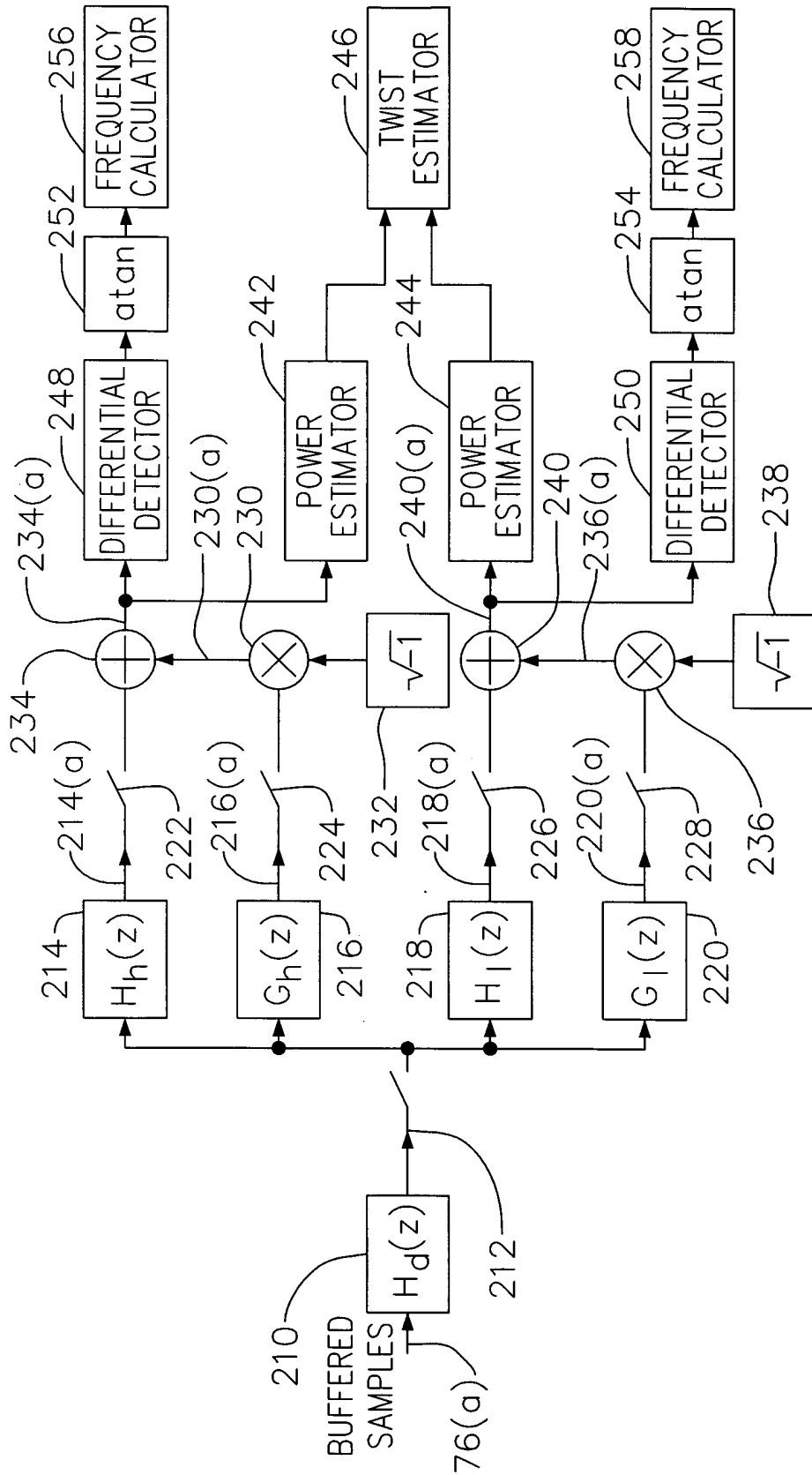




FIG. 14





*FIG. 14A*

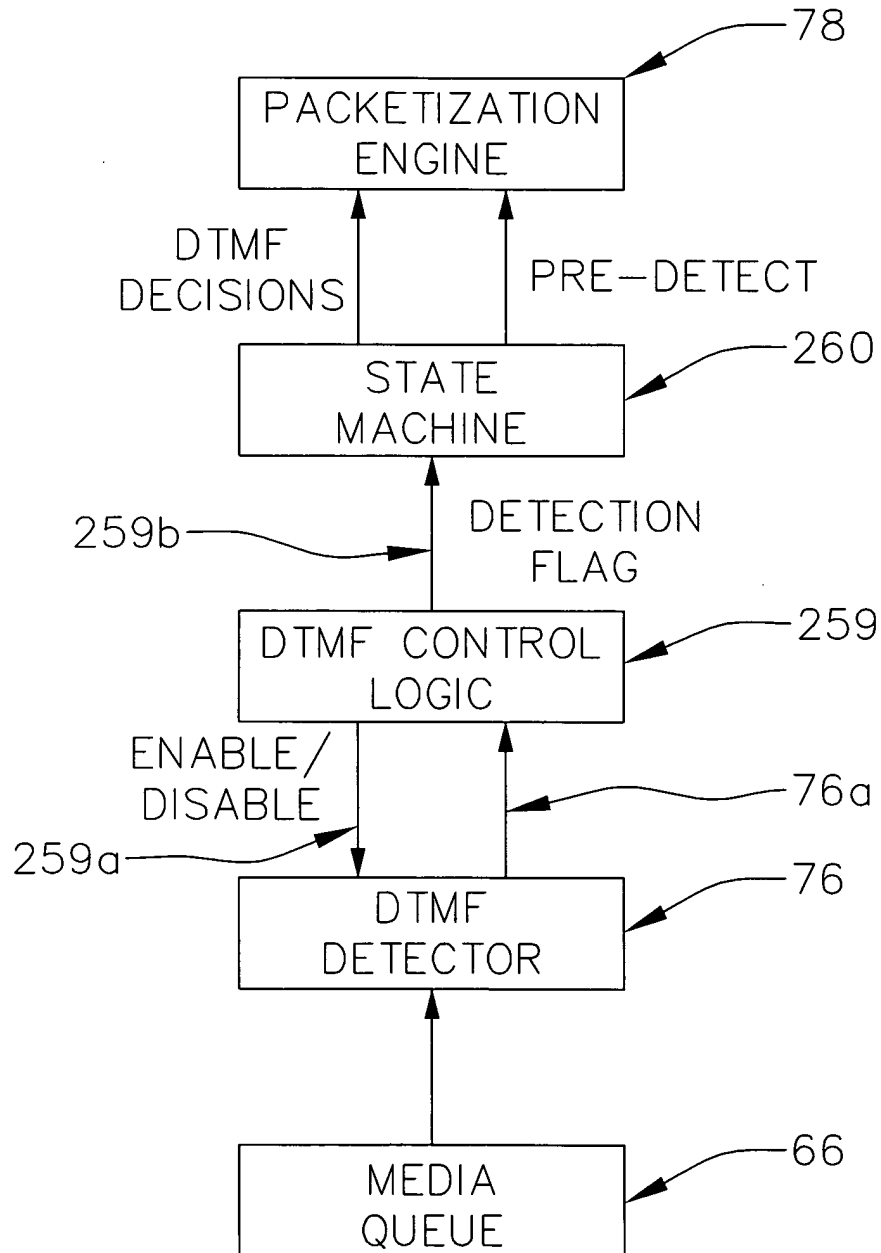
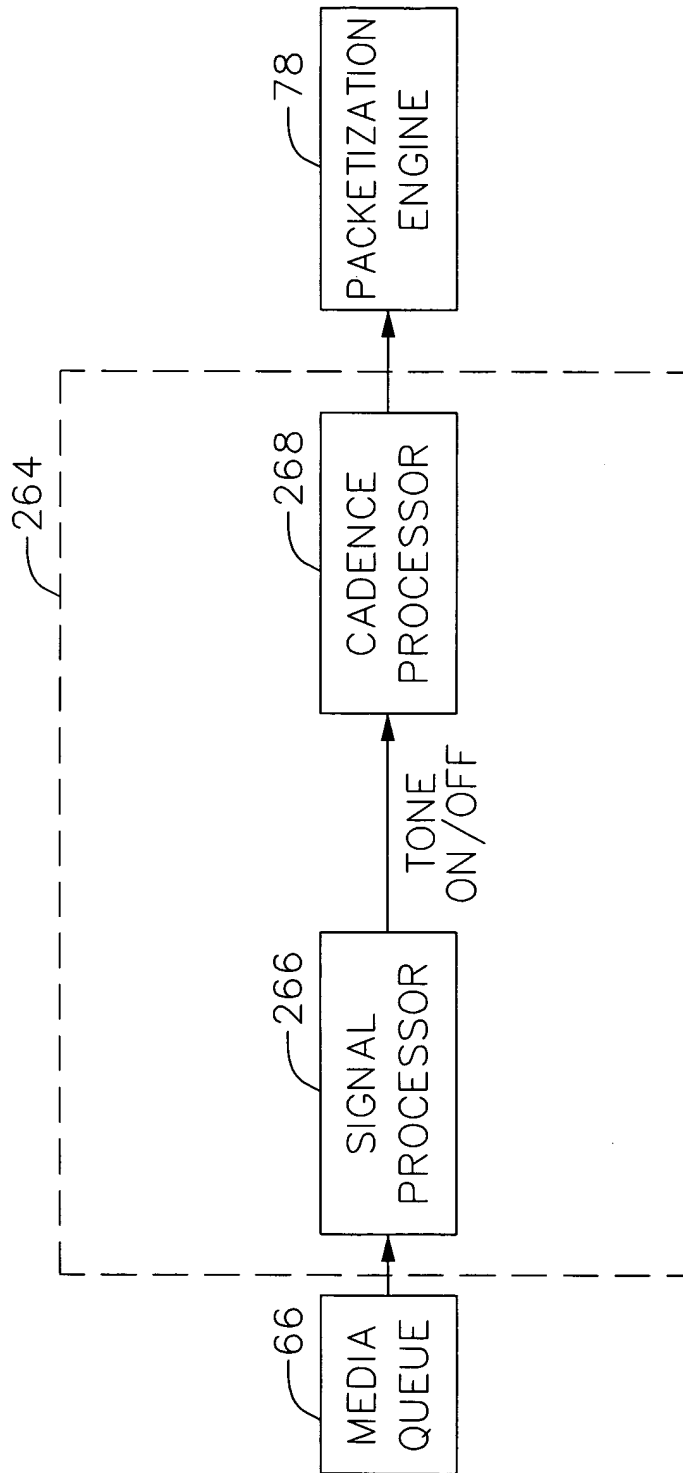
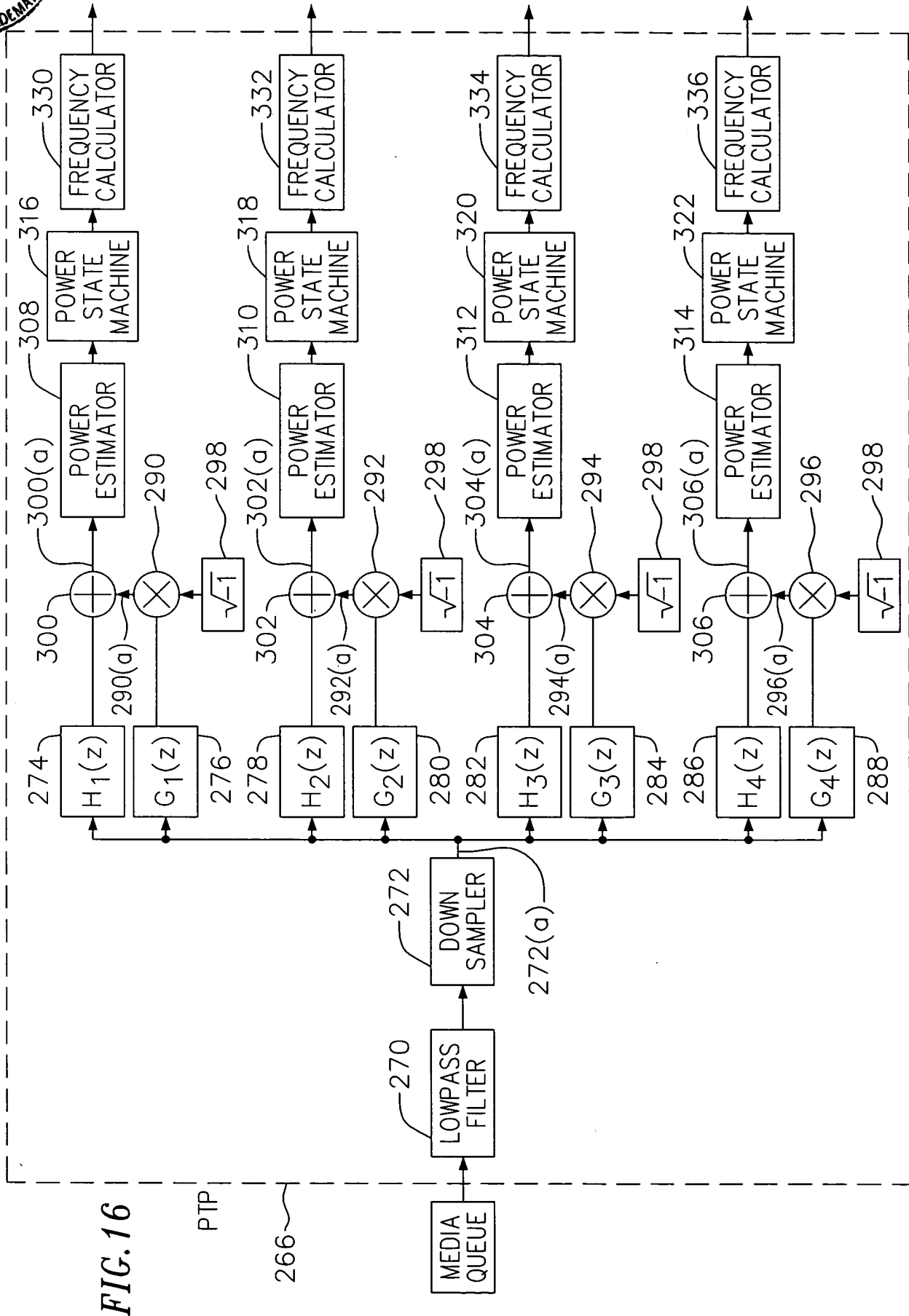




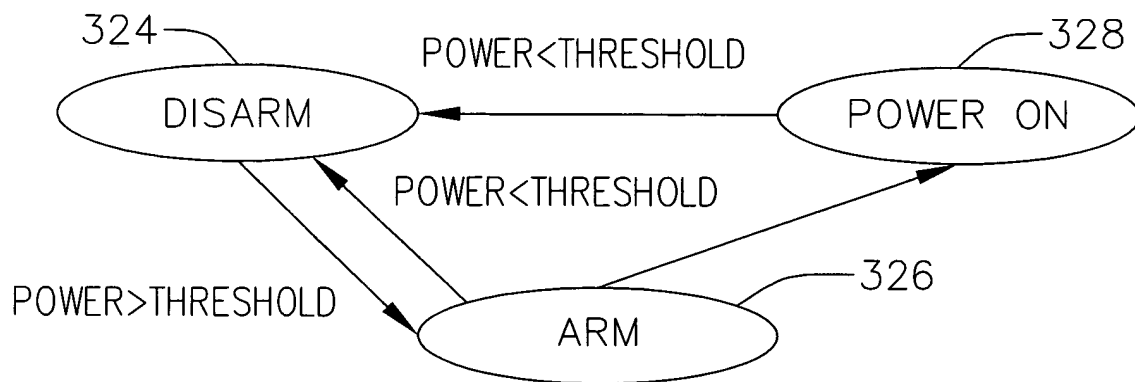
FIG. 15







**FIG. 17**



**FIG. 18**

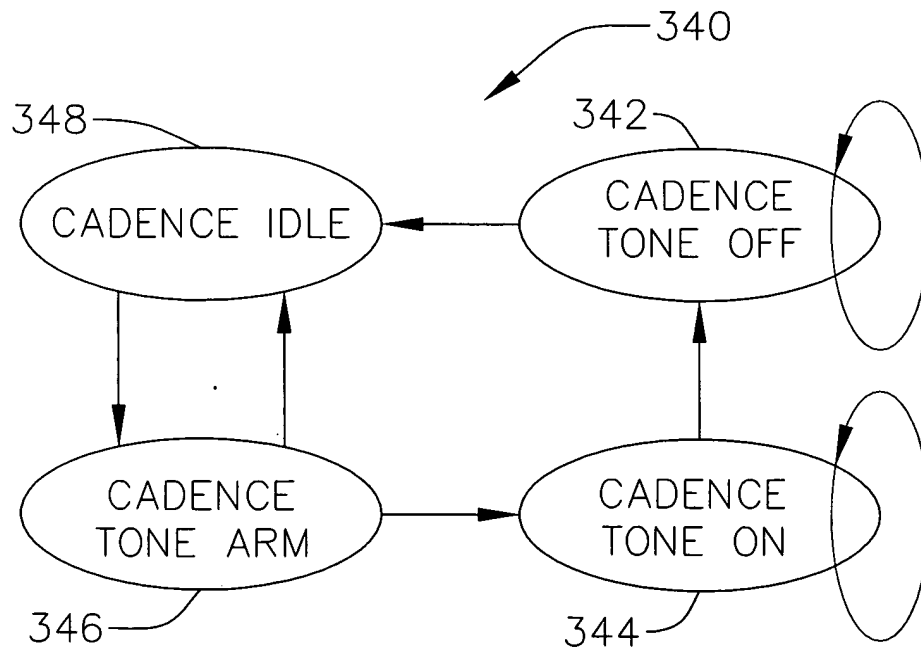




FIG. 18A

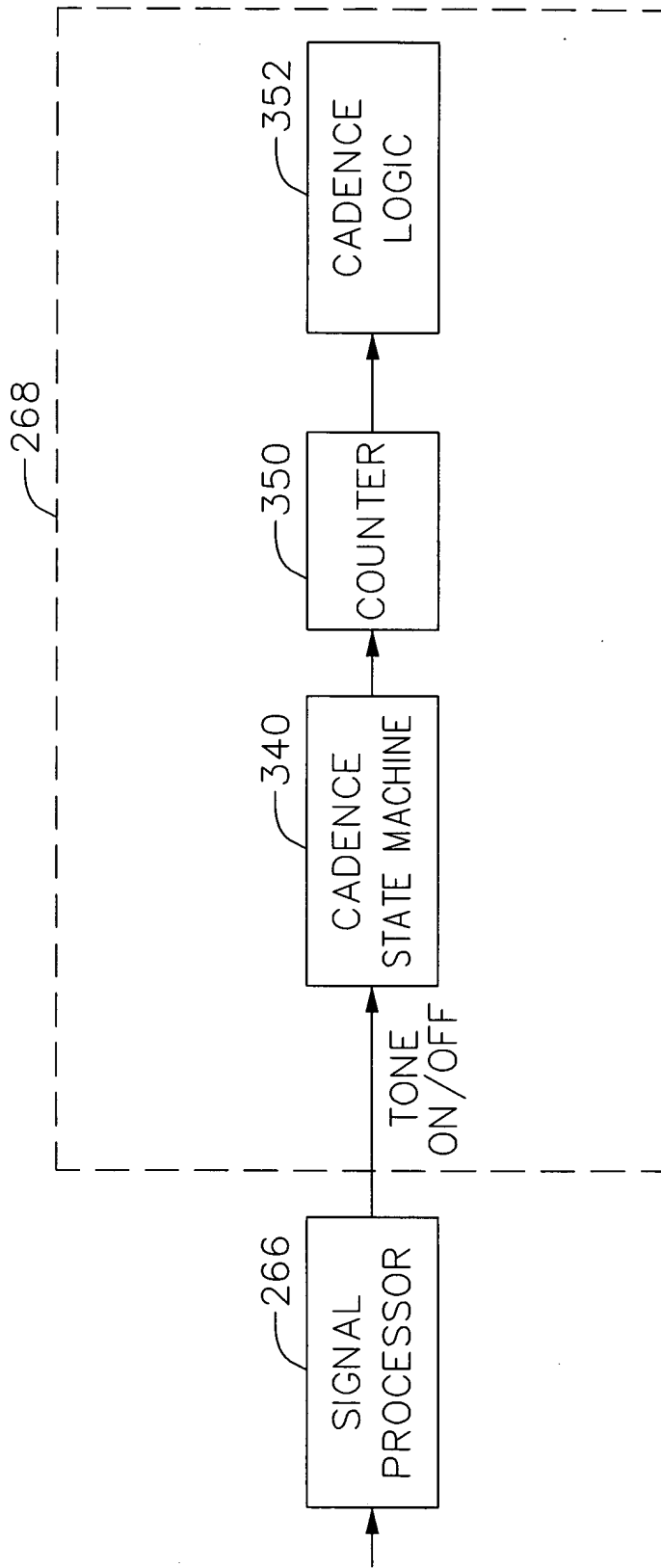






FIG. 19

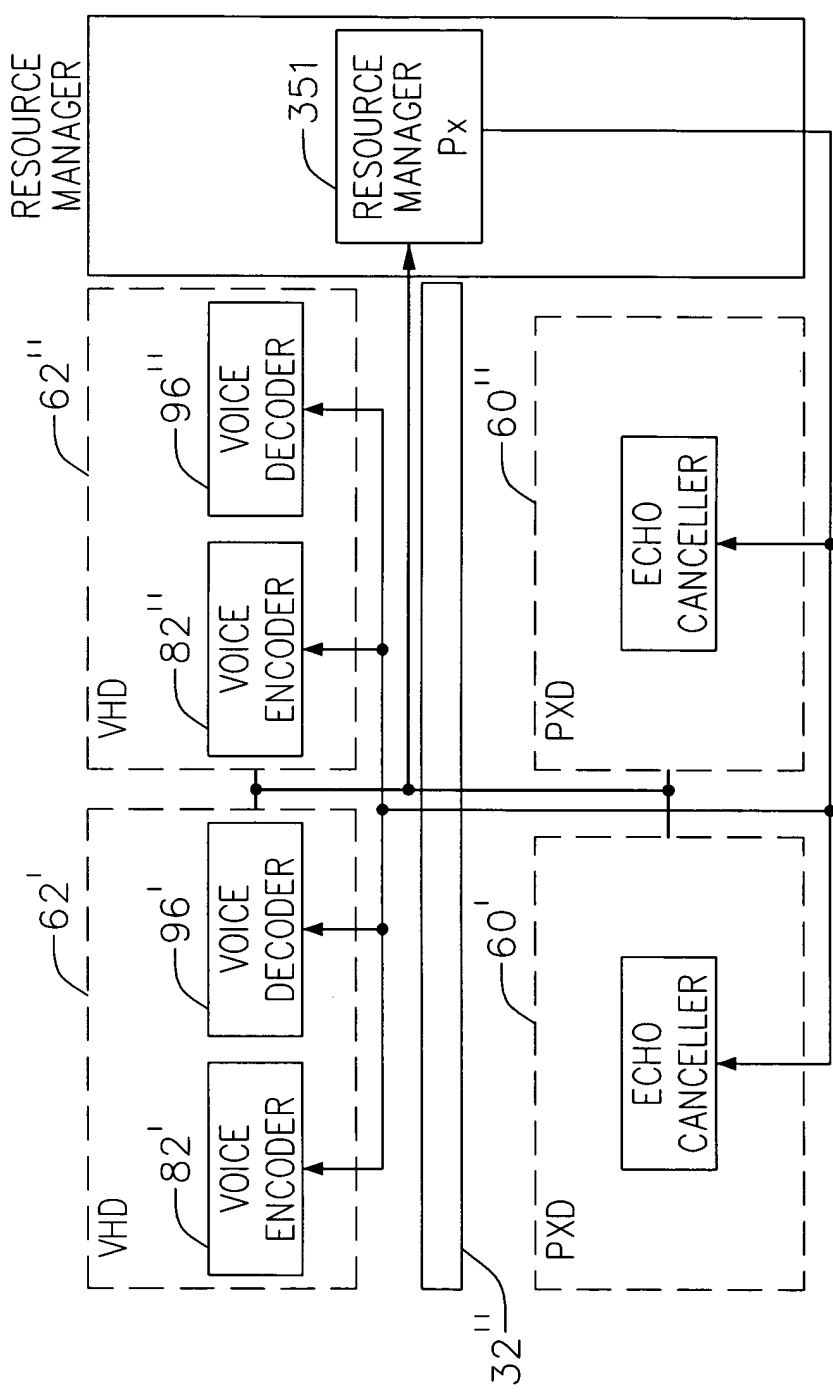




FIG. 20

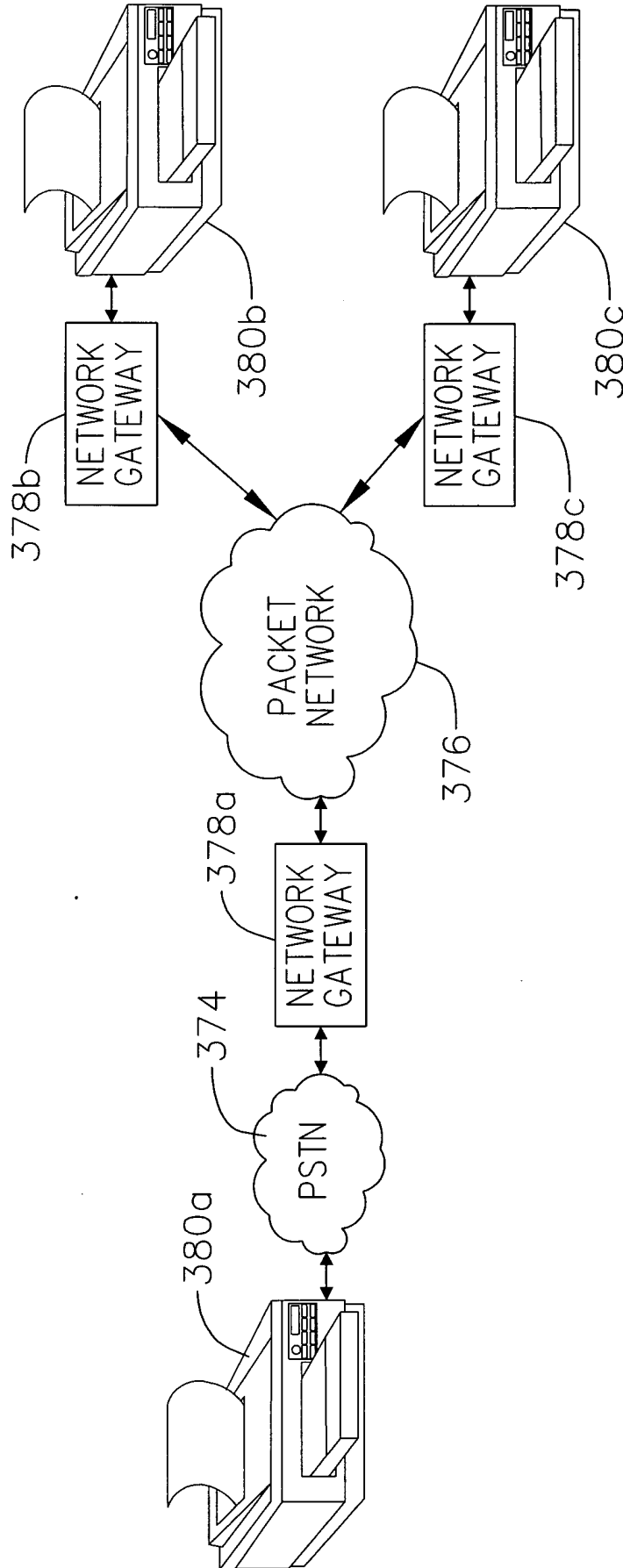




FIG. 21

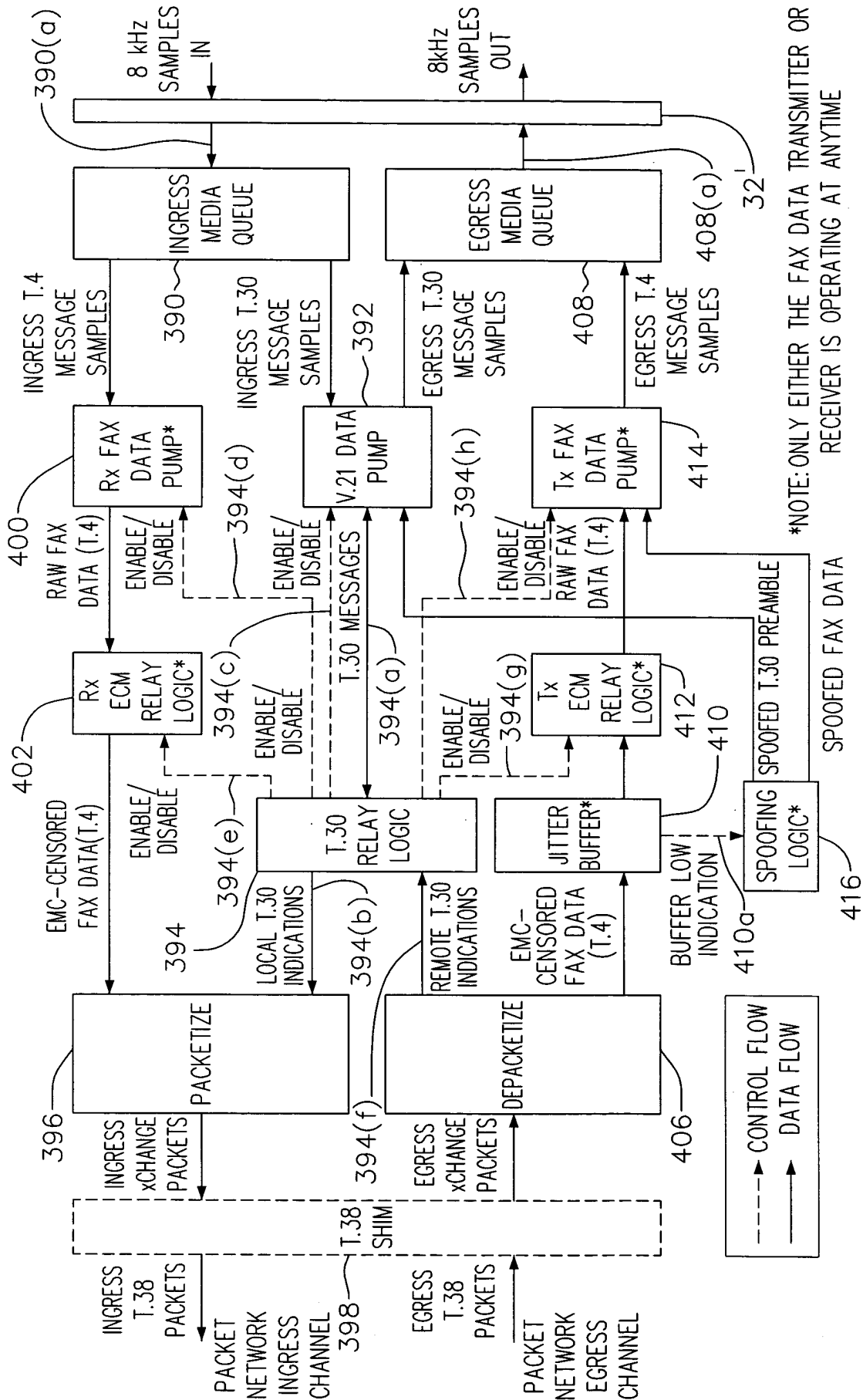


FIG. 22

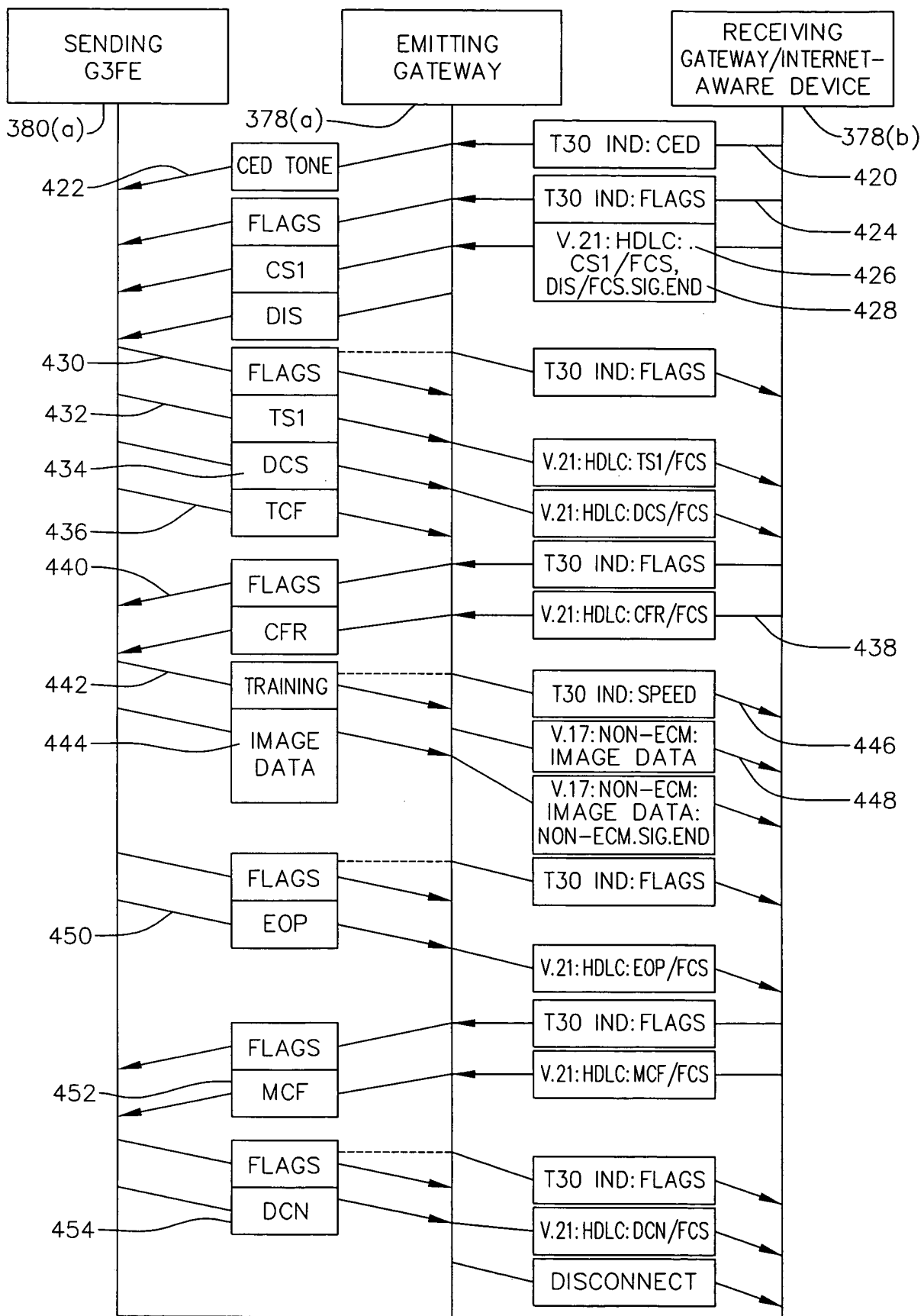




FIG. 23

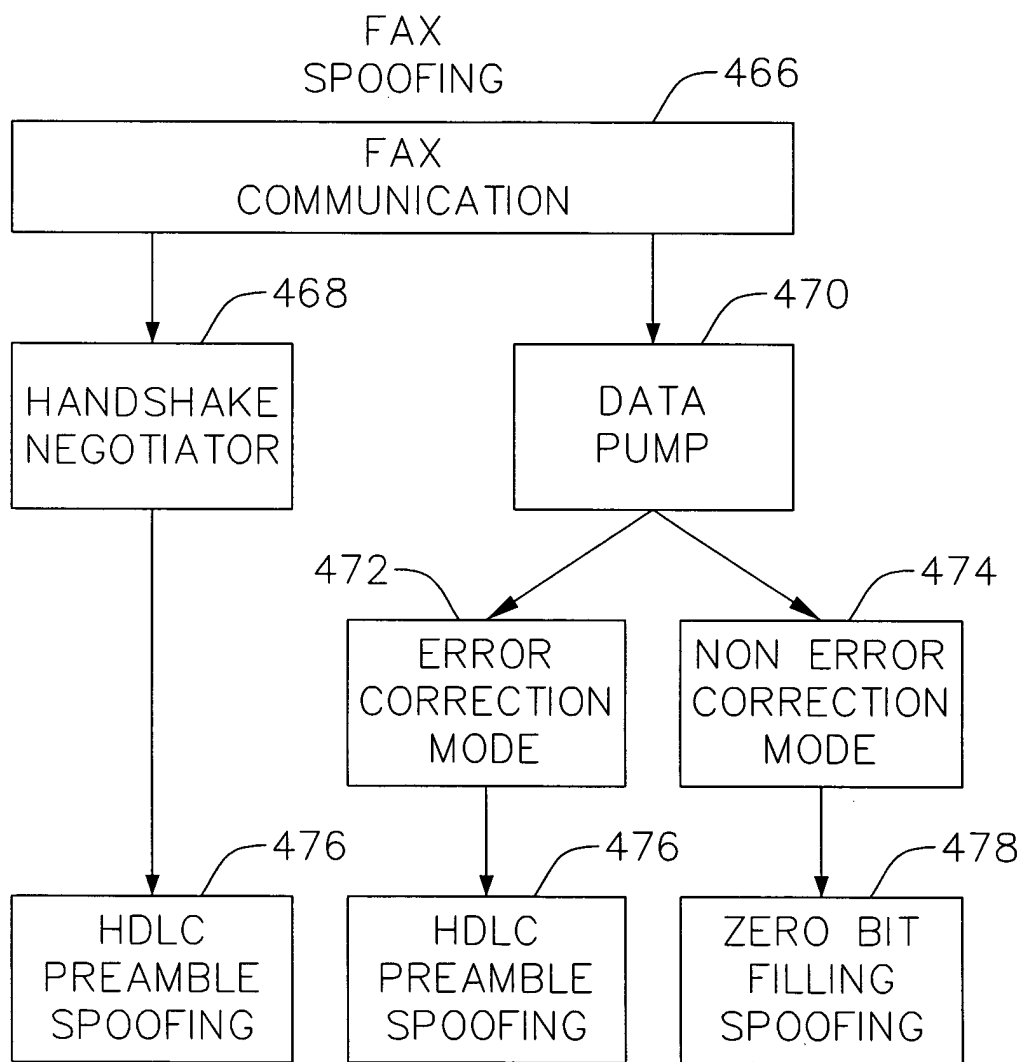
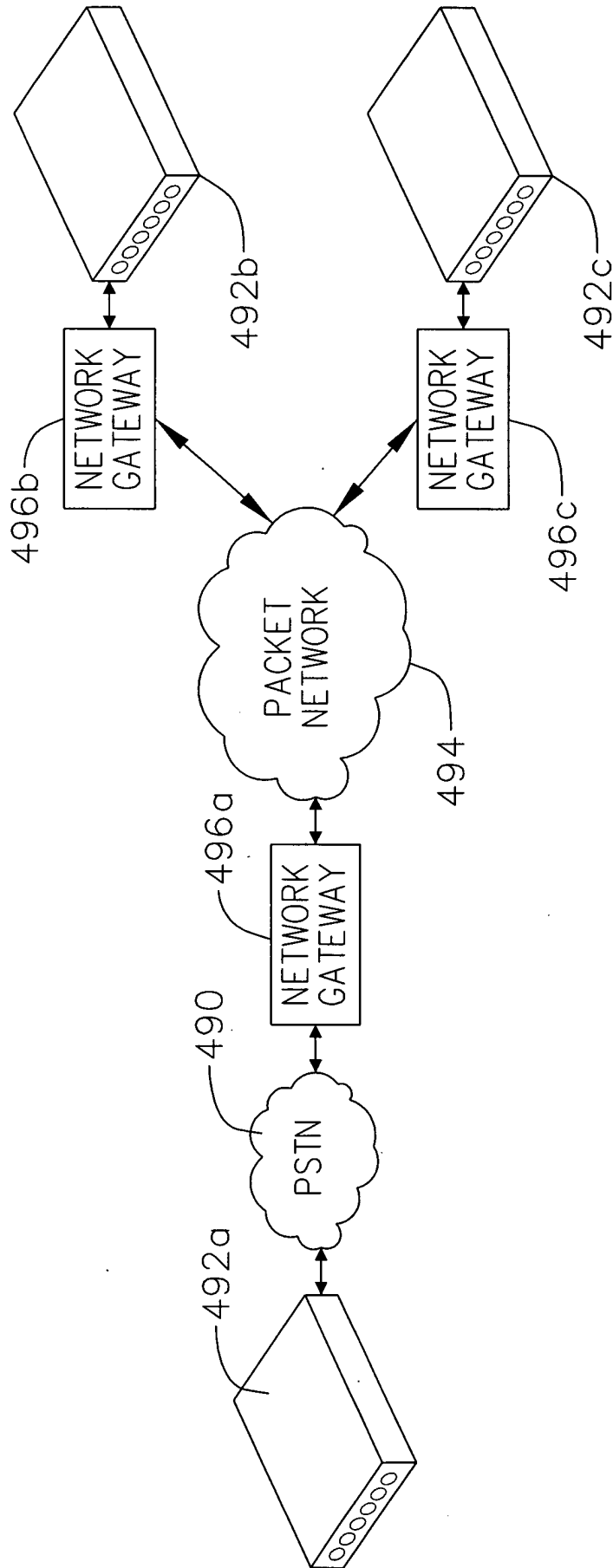




FIG. 24



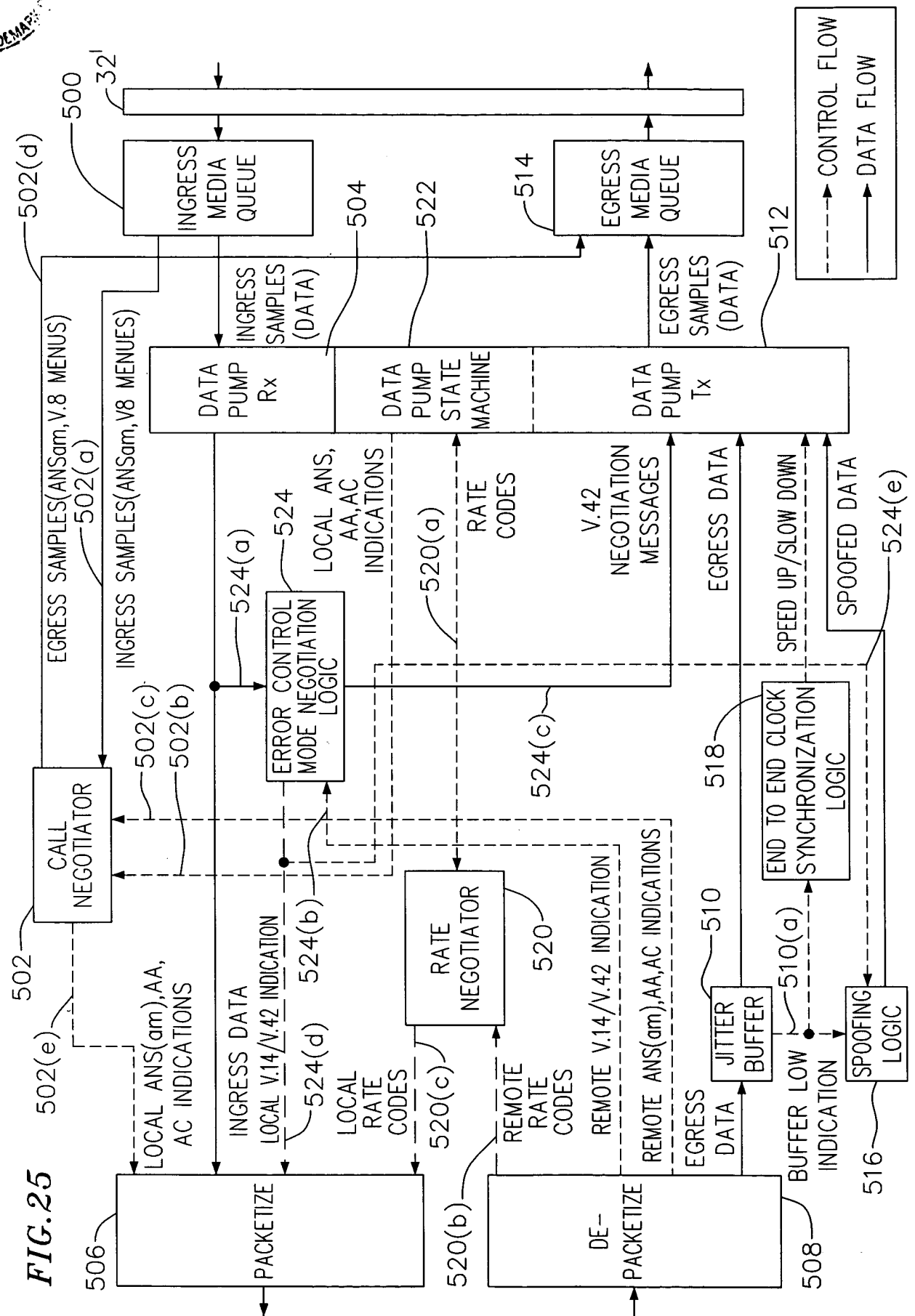


Figure 1 illustrates the sequence of operations for call and answer modem gateways. The diagram is divided into four main sections: 492(a) CALL DISCRIMINATOR/ CALL NEGOTIATOR, 496(a) CALL MODEM GATEWAY, 492(b) ANSWER MODEM GATEWAY, and 496(b) ANSWER MODEM GATEWAY. A V.32bis RELAY is connected to the Call Discriminator/Call Negotiator. The sequence shows the flow of call setup, data transfer, and rate negotiation between the relay and the gateways, including call and answer rates and data packets.

Legend:

- \*-DATA TRANSMITTED BY THE ANSWER MODEM DURING THIS TIME SHALL BE DISCARDED
- INDICATES xCHANGE PACKETS TRANSFERRED ACROSS THE NETWORK





FIG. 27

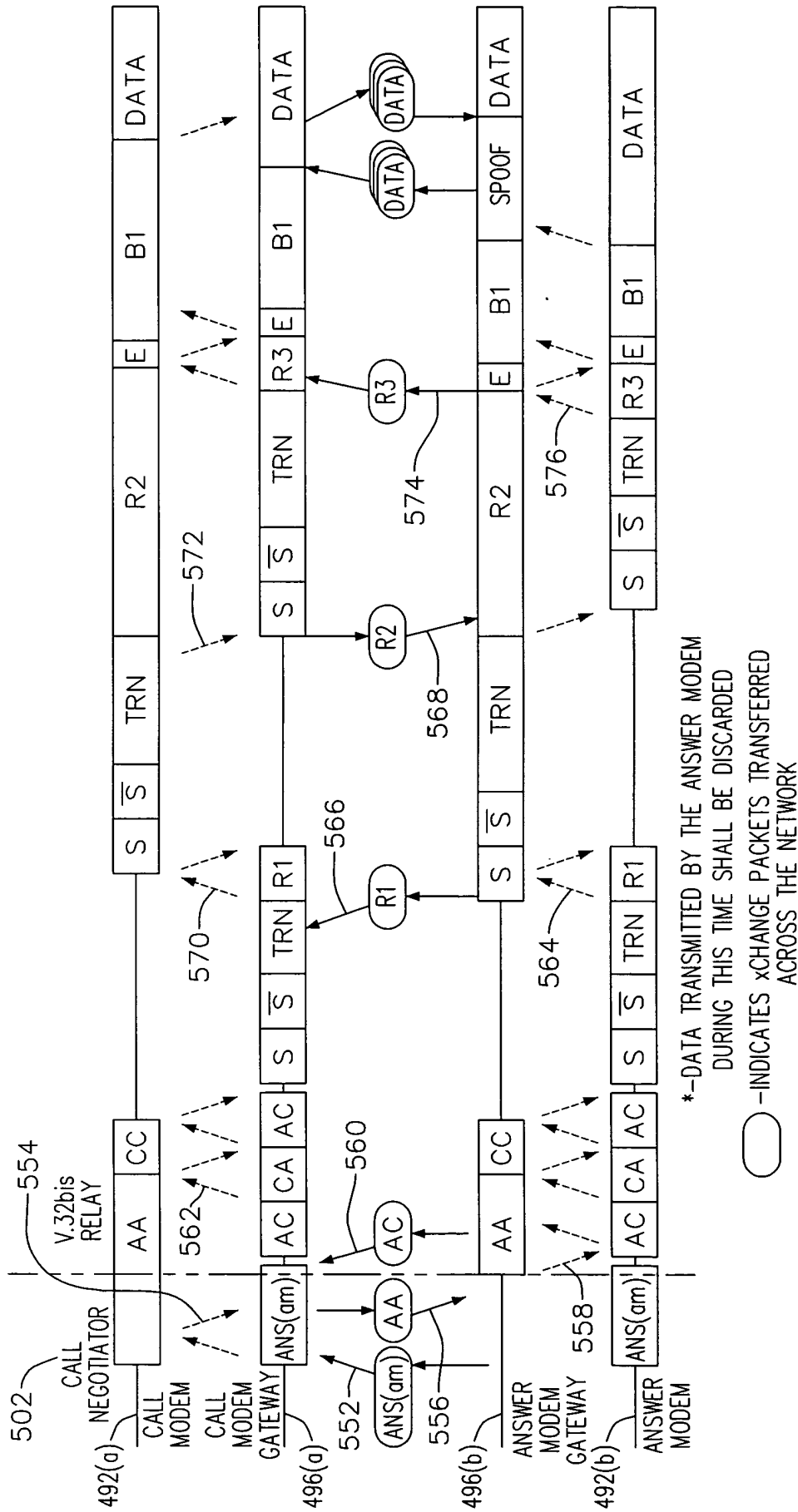




FIG. 28

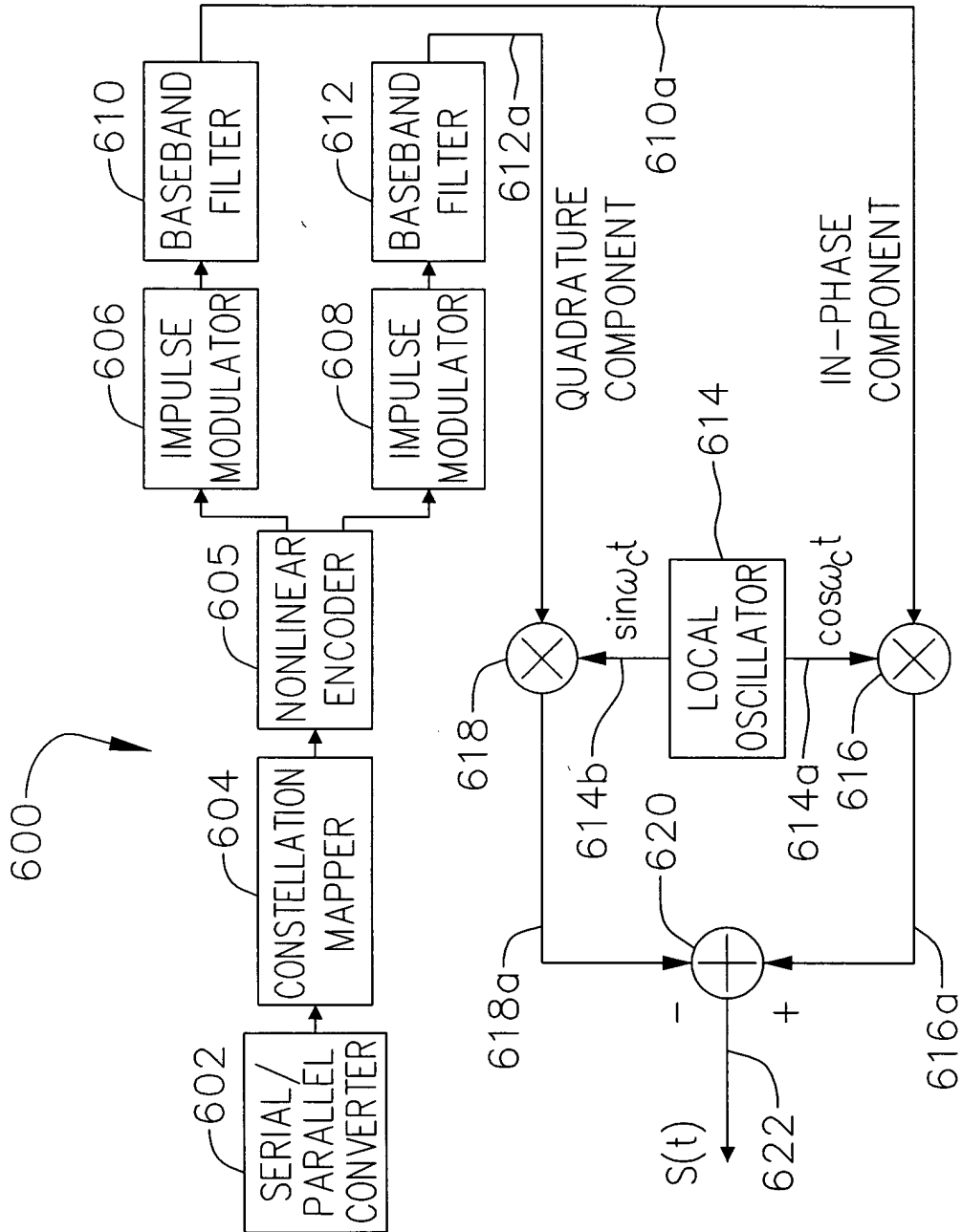






FIG. 30

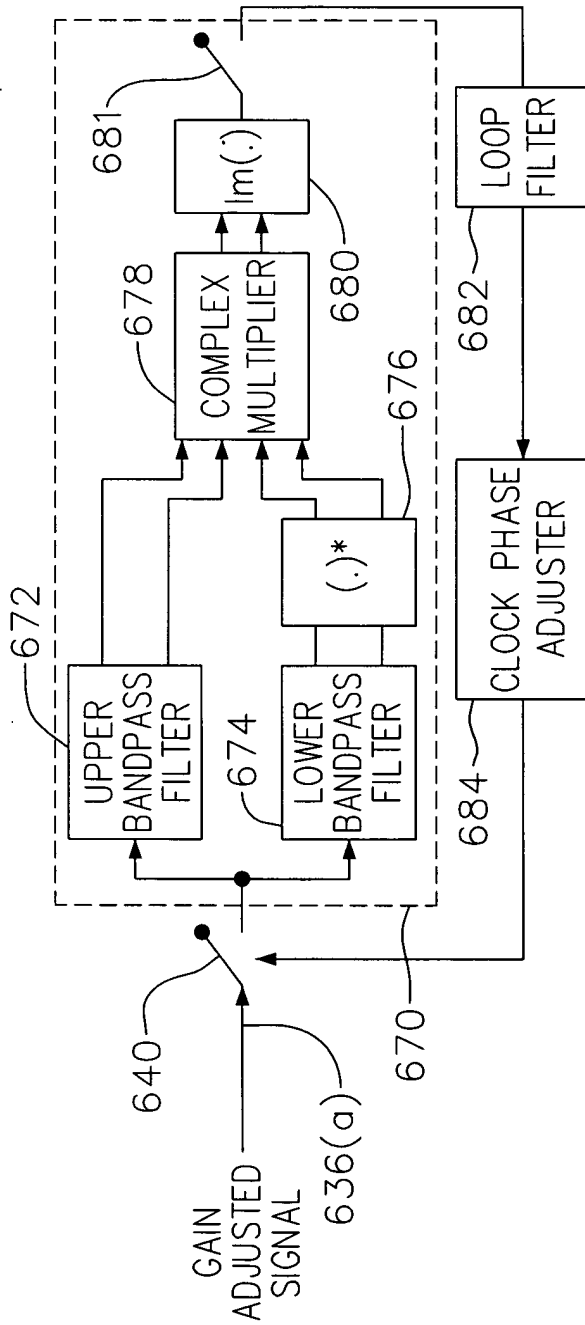


FIG. 31

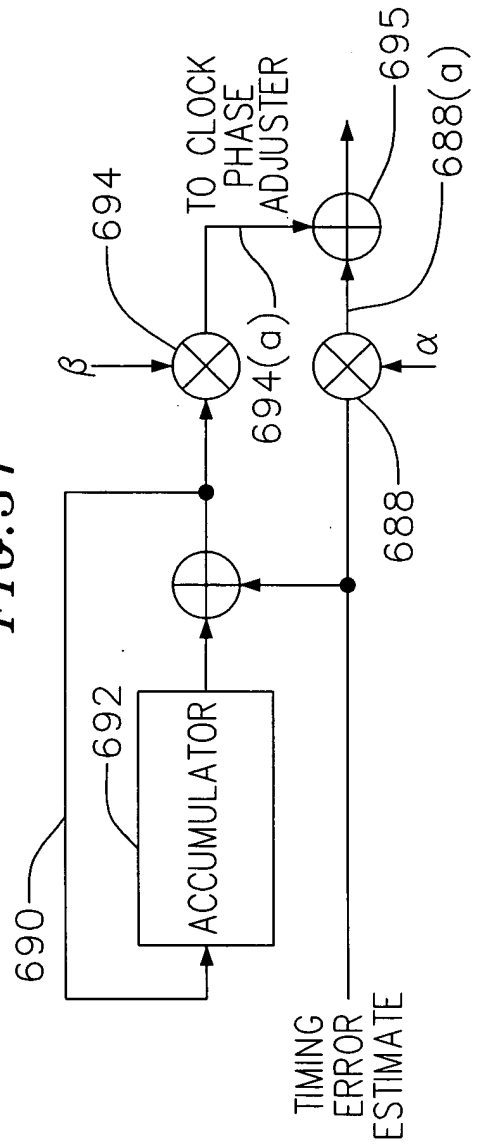




FIG. 32

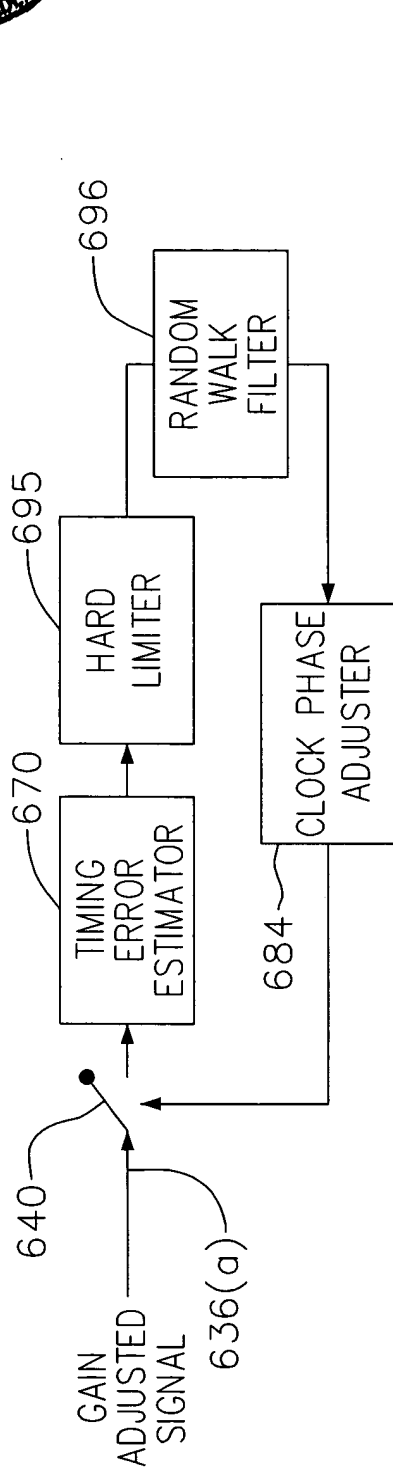


FIG. 33

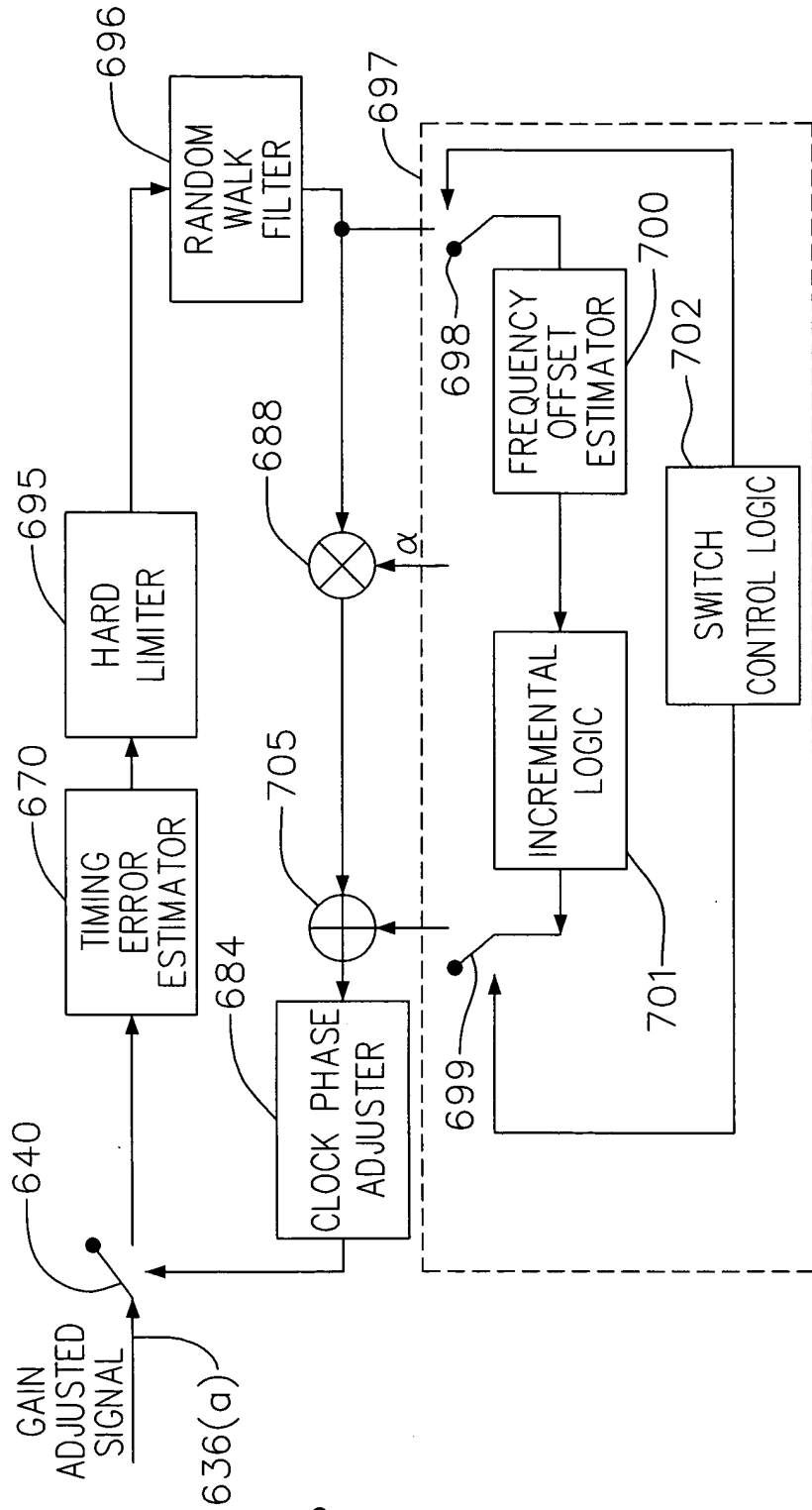
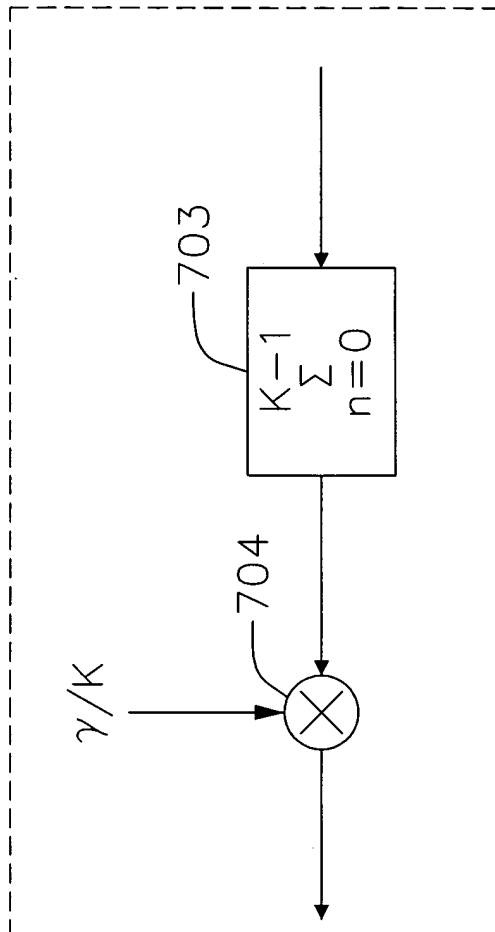




FIG. 34

700



TIMING FREQUENCY  
OFFSET ESTIMATE

01P  
DEC 06 2004  
PATENT & TRADE

